

Personal Systems Reference Lenovo IdeaCentre Desktops

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IdeaCentre K300

IdeaCentre B300

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IdeaCentre[™] K210 (Celeron[®] and Pentium[®])

Part Slot x number bay	Processor	GHz	L2 cache (ores	Memory	Media / ⁸ reader		SATA optical	Graphics	Modem	Monitor	^r Camera	Vista preload	Avail date
57-078894 4x5 F 57-076245 4x5 F 57-076162 4x5 F 57-076161 4x5 F	Celeron E1200 Pentium E2140 Pentium E2180 Pentium E2180 Pentium E2180 Pentium E2180	1.60 2.00 2.00 2.00	1MB 1MB 1MB 1MB	2 2 2 2 2 2 2 2	4GB 1GB 2GB 3GB	16-in-1 16-in-1 16-in-1 16-in-1	500GB 320GB 320GB 500GB	DVD±RW DVD±RW DVD±RW DVD±RW	GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100	Mod Mod Mod	L222	Camera Camera	Home Prem Home Prem Home Basic Home Prem Home Prem Home Prem	May 08 May 08 May 08 May 08
	 Antibacteria Lenovo Res (Select mod and adjusts (Select mod your compt 	scue [®] Sy lels) He s monit lels) Le	/stem pr ealthcare or bright enovo Br	ovide e eyes tness right E	s Onek sight pr based sye can	ley reco otectior on envi nera and	very and softwai ronment	l OneKey A re detect di	ntivirus with stance betwo	out boo een usei	ting into r and mo	o Window onitor		
Processor Implementation Memory		el 64 T em bus [®] Dual el 64 T em bus FC-LGA GB , or arity, du tandare	echnolog , and 512 -Core P echnolog , and 1W A6 packa 4GB std al-chanr d memor	gy, Ex 2KB L roces gy, Ex 1B L2 age in , 4GB nel ca y in b	ecute [2 cach sor E2 ecute [cache LGA7] max ⁸ , pable, oth soc	Disable I le or 2140 or I Disable I 75 socke PC2-53 two 240 ckets; no	E2180 w Bit, EIST et 00 667N -pin DIM sockets	ith , I Hz M sockets available;	Tower • Black and • 7.1" W X • 180mm W • 21.5 lb (9. • Toolless c • Toolless d • Toolless a Bay ① 5.25 Bay ② 5.25	17.0" D X 432n 75 kg) over ren isk, opti- dapter r ", 1.6" h	X 15.0" nm D X noval cal drive etention igh, acc	380mm I e remova i cess,	l standard optic	cal
Graphics	Non-italics: si Intel Graphic integrated gra one 15-pin an	s Medi phics ii	a Accel n G31, u	erato ses m	r 3100 nain me	(GMA 3		llable	Bay 5 3.5"	1" hig 1" hig 1" hig	h, acc h, no h, no	ess, access, access,	open 16-in-1 media standard disk optional disk xpress x1 Ver	Ĩ
SATA disk SATA controller SATA DVD±RW SATA cables EIDE controller EIDE cables Diskette drive	320GB or 500 Serial ATA, SA Multi-Burner I Two SATA cab One None None	ATA 3.0 DL DVE bles (ea	Gb/s, int ERW SA Ich 1-dro	agrate ATA 1. op to c	ed in IČ 5Gb/s levice)	CH7DH Drive	TA conn	ectors	Slot 2: half- Slot 3: half-	length,fu length,fu length,fu	ull-heiğh ull-heigh ull-heigh some m	nt, PCI E nt, 32-bit nt, 32-bit nodels	PCI Ver 2.3 * PCI Ver 2.3 * PCI Ver 2.3	ər 1.1
Media reader Chipset	16-in-1 media Intel G31 Exp SATA 3.0Gb/s Super I/O for s	, PCI E	hipset; xpress®	I/O C x1, P	ontrolle CI 2.3,	USB, L	PC bus /			• Acti • Sup • 16:1	ve Matr ports W 10 aspe	ix TFT L(/SXGA+ ct ratio	flat panel mo CD screen 1680x1050 re	esolutior
Front ports Rear audio ports Audio External speakers Internal speaker Ethernet Modem Security chip	Two USB 2.0, Four USB 2.0 mouse (PS/2) Line-in (stered High Definition None None 10/100 ethern <i>Some:</i> 56K ¹⁰ None	, one s , etheri o, 3.5m n (HD) et on p	erial (9-p net (RJ-4 m), line- audio, A planar, In	oin), p 45), m out (s LC66 tel 82	arallel ionitor tereo, 3 2 code 562GZ	(25-pin) (DB-15) 3.5mm), c Հ (PHY/N	, keyboa microph /IAC)	rd (PS/2),		(dia • 300 • 100 • 5ms • Dua con con • HD0 • Erg	gonal) nits brig 0:1 con s pixel re al video nector a nector CP-com onomic	ghtness trast ratio esponse input: on and one o pliant	b (typical) time e analog D-si digital DVI-D s and swivels	ub
TV tuner Camera	None Some: Lenov	o Brigh	it Eye ca	mera	, 0.3-m	egapixe	I, fixed fo	ocus		• Tou • Sou	ch-sens Indbar v	itive con vith spea	trol button kers included	
Keyboard Mouse Power supply	104-key antiba Optical Wheel 280 watts, uni	Mouse	e (ÚSB c	conne	ctor), 4						vo L222 some m		onitor is only	bundled
Preloaded opera - Some: Genuir Home - Some: Genuir Home ♦ 57-076245: Vis	ating system ²⁰ ne Windows® Vi Basic 32 ne Windows Vis Premium 32	sta® ta		Pre • Le • Le • D • Tr • E: • W • M • V • C	loadec enovo l enovo l river ar rend Mi arthLin /indows licrosof eriFace orel® W	Healthca Media S Ind Appli icro™ P(k [®] s Live™ t [®] Office e [™] VinDVD [®]	y Recove are Softw tudio cation In C-cillin™ Toolbar 2 2007 Tr 0 (DVD±F	vare stallation Internet Se rial (60-day	ecurity 2007)	 B8 J& Ne Tič AŠ Tič Cl pa fo Me Se (ir 24 is: 	kH™ R™ gerDirec SI Comp L year par ustomer r selectro on - Fri ext busin ervice un a eligible 3-year L 9x5 Nex kx7 ¹⁴ toll	Limited V rts and la Replace (with lin ed parts ³ coverage ness day pgrade o e location e location e novo O tt Busine -free sup ring the	tems Varranty ¹ abor bable Unit (CF nited onsite s ¹ , 8 am - 5 pm, e excluding he response tim ptions	(1553) anty

IdeaCentre™ K210

Part Slot x number bay	Processor	L2 GHz cache Cor	es Memory	Media ⁸ reader		SATA optical	Graphics	Modem	Monitor	Cam- era	Vista preload	Avai date
57-082791 4x5 C 57-076158 4x5 C	ore 2 Quad Q6600 ore 2 Quad Q6600	2.53 3MB 2 2.40 8MB 4 2.40 8MB 4	3GB 3GB 3GB	16-in-1 16-in-1 16-in-1	500GB 500GB 500GB	DVD±RV DVD±RV Blu-ray	V GMA 3100 V GMA 3100 V GMA 3100 HD 2600 PR V 9300 GE	Mod Mod Mod Mod	None None None	Cam None None	Home Prem Home Prem Home Prem Home Prem Home Prem	Aug 08 May 08 May 08
	(Select models	e System provid s) Healthcare ey onitor brightnes	les OneKe esight pro s based o t Eye came	y recove tection s n enviro era and V	ery and (oftware nment	OneKey A detect di	ntivirus withou stance betwee	it bootin n user a	g into W nd moni	lindow tor		
Processor	Intel [®] Core [™] 2 C Intel 64 Technolo 800MHz system Intel Core 2 Duo Intel 64 Technolo 1066MHz system Intel Core 2 Qua (dual-core on dua Virtualization Teo 1066MHz system	egy, Execute Dis bus, and 2MB L percessor E7 ogy, Execute Dis n bus, and 3MB ad Processor G al-die), Intel 64 chnology, Execu- n bus, and 8MB	able Bit, E 2 cache or 200 with d able Bit, E L2 cache o 6600 with Fechnology te Disable L2 cache	IST, r ual-core IST, or quad-co /, Bit, EIS ⁻	e, ore		Tower • Black and si • 7.1" W X 17 • 180mm W X • 21.5 lb (9.75 • Toolless cow • Toolless disi • Toolless ada Bay ① 5.25",	0" D X 1 432mm 5 kg) er remov k, optical apter rete	5.0" H D X 38 /al drive re ention	emova		
Implementation Memory	Processor in FC- 3GB or 4GB std non-parity, dual-o <i>Italics:</i> stand	, 4GB max ⁸ , PC	2-5300 66 , two 240-j	7MHz DI pin DIMN	/ socke		Bay ② 5.25", Bay ③ 3.0", Bay ④ 3.5", Bay ⑤ 3.5",	1.6" high 1" high, 1" high,	n, acces acces no ac	s, o s, s cess, s	open 16-in-1 media standard disk optional disk	reade
Graphics	one ^{15-p} Some: ATI™ Ra 256MB r connecto Some: NVIDIA® 256MB r PureVide	d graphics in G bin analog D-sub deon™ HD 260 nemory, DirectX or and one DVI-I	31, uses m connecto 0 PRO , PC 10, ATI A connecto 0 GE , PCI 10, Turbo ogy, S-vide	nain men r CI Expres Avivo™, c or, HDCF Express oCache,	nory, ss x16, one D-si P-compli x16,	ub iant	Slot 1: half-ler Slot 2: half-ler Slot 3: half-ler Slot 4: half-ler * modem in s ** used in sor	ngth, full- ngth, full- ngth, full- ngth, full- slot	height, height, height, height,	PCI Ex PCI Ex 32-bit	xpress x1 Ver xpress x16 Ve PCI Ver 2.3 *	
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™ SATA cables	500GB, SATA 3. Serial ATA, SATA Some: Multi-Bur Some: Blu-ray D	OGb/s, 7200 rpn 3.0Gb/s, integr ner DL DVD±RV bisc reader (no E HD-DVD playba	ated in ICF SATA 1.5 Iu-ray med ck, DVD a	5Gb/s Di dia burni Ind CD re	ng), ecordab							-
EIDE controller EIDE cables Diskette drive Media reader	None None 16-in-1 media rea	, i	,.		- conne	0.013						
Chipset	Intel G31 Expres SATA 3Gb/s, PC Super I/O for ser	I Express [®] x1, P	CI 2.3, US	B, LPC	būs / Wi							
Front ports Rear ports Rear audio ports Audio External speakers Internal speaker	None	ne serial (9-pin), thernet (RJ-45), 55mm), line-out HD) audio, ALC6	parallel (2 monitor (E (stereo, 3. 62 codec	25-pin), k 0B-15, D 5mm), n	eyboard VI-D in s nicropho	d (PS/2), some moo	dels)					
Ethernet Modem Security chip	10/100 ethernet Some: 56K ¹⁰ V.9 None							Availabl • B&H • J&R ⁺	гм M		ailers	
TV tuner Camera	None Some: Lenovo E	<u> </u>		01	fixed foo	cus		 MICF Newe Tiger 		ΓER®		
Keyboard Mouse Power supply	104-key anti-bac Optical Wheel M 280 watts, univer	ouse (USB conr	ector), 40	nector) 0 dpi					Lim		/arranty ¹	
Preloaded oper - Genuine Wind Home Premiu ∻ Vista Premium	rating system ²⁰ lows® Vista® m 32	P • • • • •	reloaded Lenovo® (Lenovo H Lenovo M Driver and	DheKey ealthcard ledia Stu d Applica ro™ PC- ® Live™ Tc ® Live™ Tc ® nDVD® (Recover e Softwa ation Ins cillin™ I polbar 2007 Tria DVD±R ¹	are tallation nternet Se al (60-day W, Blu-ray	, ,)	parts for s Mon next ⇒ Serv (in e • 3-y 9x ⇒ 24x7 issue	omer Re s only (v elected - Fri coo busines ice upg ligible lo year Len 5 Next E	eplace with lin parts ³ verage ss day rade o ocatior ovo O Busine ee sup g the v	able Unit (CR nited onsite s , 8 am - 5 pm, e excluding ho response tim ptions	ervice blidays ie) (1553) anty

See footnotes for important warranty information IS Wodels announced July 15, 2008; previous models on May 12, 2008

IdeaCentre™ K210 (5313) - Celeron[®] and Pentium[®]

Personal Systems Reference (PSREF)

Slot x Type-model bay	Processor	L2 GHz cache	Cores Mem	Media ory ⁸ reader		SATA optical	Graphics	Modem	Monito	r Camera	Vista preload	Avai date
5313-3BU 4x5 C 5313-4AU 4x5 P 5313-4BU 4x5 P 5313-4BU 4x5 P 5313-4DU 4x5 P 5313-4EU 4x5 P 5313-4EU 4x5 P	Celeron E1200 Celeron E1200 Pentium E2180 Pentium E2180 Pentium E2200 Pentium E2200 Pentium E2200 Pentium E2200 Pentium E5200	1.60 512K 2.00 1MB 2.00 1MB 2.20 1MB 2.20 1MB 2.20 1MB 2.20 1MB	B 2 1G 2 2G 2 3G 2 2G 2 3G 2 3G 2 4G	B 16-in-1 B 16-in-1 B 16-in-1 B B B 16-in-1	320GB 500GB 250GB 320GB 500GB	DVD±RW DVD±RW DVD±RW DVD±RW DVD±RW DVD±RW	GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100	Mod Mod	None None None	Camera	Home Basic Home Prem Home Prem Home Prem Home Prem Home Prem Home Prem	Jul 0 Jul 0 Jul 0 Oct 0 Oct 0 Jul 0
	 (Select mod 	cue System lels) Healthc monitor brig	provides On are eyesight htness base Bright Eye o	eKey reco protectior ed on envi amera and	very and softwai ronment	l OneKey A re detect di	ntivirus with stance betw	een user	ting into and m	o Window onitor		
Processor	Intel Celeron dual-core, Inte 800MHz syste Intel Pentium with dual-core 800MHz syste <i>E2180/E2200</i> : Processor in F	el 64 Techno m bus, and 8 Dual-Core , Intel 64 Tec m bus; 1MB L2 cac	logy, Execut 512KB L2 ca Processor chnology, E> che; <i>E5200:</i>	e Disable I che or E2180 , E2 cecute Disa 2MB L2 c	2 200 , or lable Bit, ache	E5200	Tower • Black and • 7.1" W X • 180mm W • 21.5 lb (9 • Toolless c • Toolless a	17.0" D > / X 432m .75 kg) over rem lisk, optic	(15.0" im D X ioval cal drive	380mm H e remova		
Memory Graphics	1GB, 2GB, 3G DDR2, non-pa	B , or 4GB s rity, dual-cha andard mem andard mem	td, 4GB ma innel capabl ory in both s ory in one s	x ⁸ , PC2-53 e, two 240 sockets; no ocket; 1 so	00 667N -pin DIM sockets ocket ava	M sockets available;	Bay ① 5.25 Bay ② 5.25 Bay ③ 3.0" Bay ④ 3.5"	;", 1.6" h ;", 1.6" h ;", 1" hig , 1" hig	gh, acc gh, acc h, acc h, no	cess, s cess, c cess, access, s	standard optic open 16-in-1 media standard disk optional disk	reade
SATA disk SATA controller SATA DVD SATA DVD±RW SATA cables EIDE controller EIDE cables Diskette drive	160GB, 250Gl Serial ATA, SA Some: DVD-R Some: Multi-E Two SATA cab One None None	phics in G31 alog D-sub c B, 320GB, 5 TA 3.0Gb/s, OM DL SAT/ Burner DL DV	, uses main onnector 00GB, or 64 integrated ir A 1.5Gb/s 16 /D±RW SAT/	0GB SATA ICH7DH SX-48X Ma 1.5Gb/s	a 3Gb/s, ux⁴ Drive	·	Slot 1: half- Slot 2: half-	length,fu length,fu length,fu length,fu	III-heigh III-heigh III-heigh III-heigh	nt, PCI Ex nt, PCI Ex nt, 32-bit nt, 32-bit	kpress x1 Ver kpress x16 Ve PCI Ver 2.3 *	
Media reader Chipset	Some: 16-in-1 Intel G31 Exp SATA 3Gb/s, F Super I/O for s	ress Chipse PCI Express®	t; I/O Contro x1, PCI 2.3	oller Hub 7 , USB, LP0	C bus / V			_				-
Audio External speakers	Two USB 2.0, Four USB 2.0, mouse (PS/2), Line-in (stereo High Definition None None 10/100 ethernd <i>Some:</i> 56K ¹⁰ N None	one serial (§ , ethernet (R , 3.5mm), lin (HD) audio, et on planar,)-pin), parall J-45), monite e-out (stered ALC662 co	el (25-pin) or (DB-15) o, 3.5mm), dec GZ (PHY/N	, keyboà microph IAC)	rd (PS/2),						
TV tuner Camera	None Some: Lenovo	o Briaht Eve	camera. 0.3	-megapixe	I. fixed fo	ocus						
Keyboard Mouse Power supply	104-key antiba Optical Wheel 280 watts, univ	acterial keybo Mouse (USE	oard (PS/2 c 3 connector)	onnector)								
- Some: Genuin	e Windows® Vis Basic 32 e Windows Vis Premium 32	ta go	 Lenov Lenov Lenov Driver Trend Earthl Windo Micros VeriFa Corel^o 	_ink® ows Live™ soft® Office ace™ ⁰ WinDVD®	y Recove are Softw tudio cation In C-cillin™ Toolbar 2 2007 Tr 2 (DVD, E	vare stallation Internet So rial (60-day		• len • Fry • Ct pa for Mo • Se (in • ; • ; • ;	ovo.con d's L year pai stomer rts only rs select on - Fri xt busin rvice u eligible 3-year I 3-year I 9x5 Ney x714 toll sues du	imited W rts and la r Replace / (with lin ed parts ³ coverage ness day pgrade o e locatior e locatior ct Busine l-free sup	/arranty ¹ bor able Unit (CR nited onsite s , 8 am - 5 pm, e excluding ho response tim ptions	ervice blidays le) (1553) anty

See footnotes for important warranty information ^{F37} US models announced November 12, 2008; previous models on July 15 or October 22, 2008

IdeaCentre™ K210 (5313)

Slot x Type-model bay	Processor	L2 GHz cache Co	ores Memory	Media ⁸ reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Cam- era	Vista preload	Avail date
5313-1FU 4x5 Co 5313-2BU 4x5 Co 5313-2CU 4x5 Co 5313-2CU 4x5 Co 5313-2FU 4x5 Co	ore 2 Quad Q6600 ore 2 Quad Q6600	2.40 8MB 4	2 4GB 4 4GB 4 4GB 4 4GB	16-in-1	500GB 500GB	DVD±RW DVD±RW Blu-ray Blu-ray		None None None None	None None None None	Cam	Home Prem Home Prem Home Prem Home Prem	Jul 08 Jul 08
	 Antibacterial ke Lenovo[®] Rescu (Select models, and adjusts models, your computer 	e System pro) Healthcare e onitor brightne) Lenovo Brigl	vides OneK yesight pro ess based o ht Eye came	ey recov tection s n enviro era and V	very and software nment	OneKey A detect dis	ntivirus witho tance betwee	out booti n user al	ng into N nd moni	Vindov tor		
Processor	Intel [®] Core 2 Duo Intel 64 Technolog 1066MHz system Intel Core 2 Qua (dual-core on dua Virtualization Tech 1066MHz system Processor in FC-I	gy, Execute Di bus, and 3ME d Processor (Il-die), Intel 64 nnology, Execu bus, and 8ME	sable Bit, E 3 L2 cache Q6600 with Technology ute Disable 3 L2 cache	IST, or quad-c /, Bit, EIS ⁻	ore		Tower • Black and si • 7.1" W X 17 • 180mm W X • 21.5 lb (9.75 • Toolless cov • Toolless disi	.0" D X 1 432mm 5 kg) er remov k, optical	5.0" H D X 38 /al drive re		I	
Graphics	4GB std, 4GB ma non-parity, dual-c <i>Italics:</i> stand <i>Some:</i> Intel Gra	ax ⁸ , PC2-5300 hannel capabl lard memory in phics Media	667MHz D e, two 240- n both sock Accelerato	DR2, pin DIMI ets; no s r 3100 (ockets a GMA 31	s vailable	 Toolless ada Bay ① 5.25", Bay ② 5.25", Bay ③ 3.0", Bay ④ 3.5", 	1.6" higł 1.6" higł 1" high,	n, acces n, acces acces	s, c s, 1	tandard optic pen 6-in-1 media tandard disk	
	one 15-pi Some: NVIDIA® 256MB m PureVide	d graphics in G in analog D-su GeForce [®] 930 nemory, Direct o™ HD techno nector, HDCP	b connecto 0 GE , PCI X [®] 10, Turb logy, S-vide	r Express oCache,	® x16,	nector,	Bay © 3.5", Bay © 3.5", Slot 1: half-lei Slot 2: half-lei Slot 3: half-lei Slot 4: half-lei	1" high, ngth,full- ngth,full- ngth,full-	no aco height, height, height,	cess, c PCI Ex PCI Ex 32-bit F	ptional disk press x1 Ver press x16 Ver PCI Ver 2.3	
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™ SATA cables EIDE controller EIDE cables Diskette drive Media reader	500GB, 640GB, c Serial ATA, SATA Some: Multi-Burr Some: Blu-ray Di supports H Two SATA cables One None None 16-in-1 media rea	3.0Gb/s, integ her DL DVD±R sc reader (no HD-DVD playb (each 1-drop t	rated in ICI W SATA 1. Blu-ray me ack, DVD a to device), f	H7DH 5Gb/s D dia burni Ind CD r	ng), BD ecordab	-ROM, le	** used in sor	ne mode				-
Chipset	Intel G31 Expres SATA 3Gb/s, PCI Super I/O for seria	s Chipset ; I/C Express® x1,	Controller PCI 2.3, US	B, LPC	bus / Wi							
Front ports Rear ports Audio External speakers Internal speaker Ethernet Modem Security chip	None 10/100 ethernet o None None	e serial (9-pin) nernet (RJ-45) 5mm), line-ou ID) audio, ALC), parallel (2 , monitor (I t (stereo, 3. 2662 codec	25-pin), k DB-15, D 5mm), n	eyboard VI-I in s nicropho	l (PS/2), ome mode	ls)					
TV tuner Camera Keyboard Mouse	None Some: Lenovo Br 104-key anti-bacto Optical Wheel Mo	erial keyboard	(PS/2 conr	nector)	fixed foo	us		Availabl • lenov	o.com	se reta	ilers	
Mouse Power supply Preloaded opera - Genuine Windo Home Premiur ∻ Vista Premium	280 watts, univers ating system ²⁰ ows [®] Vista [®] n 32	sal, manual sw l		applicat DneKey ealthcar ledia Stu d Applica or PC Live™ To [®] Office 2 [™] nDVD® (Recover e Softwa idio ation Ins cillin™ I colbar 2007 Tria DVD±R ¹	ire tallation nternet Se al (60-day) N, Blu-ray)		 ✓ Cust parts for s Mon next ✓ Serv (in e • 3-y 9x ✓ 24x7 issue 	Lim ar parts comer Re s only (w elected - Fri cov busines ice upgt ligible lo year Len 5 Next E	and lal eplacea vith lim parts ³ , verage s day rade op ocation ovo Or Busines ee sup g the v	able Unit (CRI ited onsite se 8 am - 5 pm, excluding ho response time otions	idays, idays,) 553) nty

See footnotes for important warranty information IS models announced October 22, 2008; previous models on July 15, 2008

IdeaCentre™ K220

Part Slot x number bay	Processor	GHz	L2 cache	Cores I	emory ⁸ /	Media reader	SATA disk	SATA optical	Graphi	ics N	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Ava dat
57092255 4x5 57094704 4x5 57092262 4x5	E5200 E5200 Q8200	2.50 2.50 2.33	2MB	2 2 4	4GB 4GB 4GB		640GB	^² Blu-ray DVD±RW Blu-ray	GMA 4 GMA 4 GMA 4	4500 L	.222 HD	Camera	None	Prem 64 Prem 64 Prem 64	Basic	Jan 0
								he surface o ry and Onek						lows		
Processor	800MHz Intel Cor (dual-cor EIST, 133	I-core syster e 2 Q e on d 33MH;	, Intel m bus uad P lual-di z syste	64 Tech and 2N rocess e), Intel em bus,	nology, /IB L2 c or Q820 64 Tecl and 4M	Execute ache or 00 with 0 hnology, 1B L2 ca	e Disable quad-co Execute ache	e Bit, EIST, re e Disable Bi	t, 0	180mn 21.5 lb	X 17.0' n W X 4 (9.75 k	' D X 15. 32mm D g) removal		m H		
Implementation Memory	Processo 4GB std, non-parit Italics:	, 4GB y, dua	max ⁸ , I-chan	PC3-85	500 106 able, tw	6MHz D vo 240-p	DR3 , in DIMM	sockets	able Ba	Toolles ay ① 5	s adapt 5.25", 1.	optical di ter retent 6" high, a	ion access,	oval standa	rd optic	cal
Graphics	Intel Gra integrate one 15-p	phics d grap	Medi	a Acce η G43, ι	lerator uses ma	4500 (G ain mem	MA 450	0),	Ba Ba Ba	aý ③ 3 ay ④ 3	8.0", 1' 8.5", 1'		access, no acces	open 16-in-1 s, standa s, optiona	rd disk	
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™	D	A, SA Iulti-B Iu-ray VD ar	TA 3.0 urner Disc nd CD	Gb/s, in DL DVD reader (recorda	tegrate 2±RW S no Blu- able	d in ICH ATA 1.5 ray med	10 Gb/s Driv ia burnin	ig), BD-ROI	л, SI si si	lot 2: h lot 3: h lot 4: h	alf-leng alf-leng alf-leng	th,full-he th,full-he th,full-he	ight, PC ight, 32- ight, 32-	I Express I Express bit PCI Ve bit PCI Ve	x1 Ver er 2.3 er 2.3	
SATA cables EIDE controller Diskette drive Media reader	Two SAT/ None None 16-in-1 m						our SATA	connectors		vvireie		L	.enovo L	e models .222 Wide	e (HD)	nitor
Chipset	Intel G43	3 Expr SATA	ress C 3.0Gt	hipset b/s, PCI	(PCI E) Expres	(press®	2.0 x16), nernet M	, I/O Contro AC, PCI 2.3	ller Hub , USB,) 10 LPC bi	us),	Active M Supports High Def	atrix TFT WUXG/ inition (H	LCD scr A 1920x1 D) ready	een 200 res	solutio
Front ports Rear ports Audio External speakers Internal speaker Ethernet Wireless Modem Security chip	Six USB monitor (Line-in (s High Defi None None 10/100 ei	2.0, or VGA [stereo, inition	ne ser DB-15 , 3.5m (HD) et on p	rial (9-pi) m), line audio, <i>A</i> lanar, F	n), keyt -out (ste ALC662 RealTek®	ooard (P ereo, 3.5 codec RTL81	2S/2), mc 5mm), mi 02E	one (stereo, ouse (PS/2) icrophone-ir x1 adapter	ethern	ét (RJ-	-45), • nm) •	(diagona 300 nits 1000:1 c 5ms pixe Dual vide connecto HDCP-co	pect ratio (9mm) vi l) brightnes ontrast ra el respons or and on or ompliant	ewable in ss (typica atio (typic se time one analo ne digital I	l) al) og D-su OVI-D	dı
TV tuner Camera			0	,	,		· · ·	xed focus			•	Hiğh-glo: Touch-se	ss black ensitive c		ton	
Keyboard Mouse Power supply	104-key a Optical W 280 watts	Vheel I	Mouse	e (ÚSB (connect						L		22 Wide	(HD) Mo		
Preloaded oper - Genuine Wind Home Premiu	lows [®] Vista				LerDri	novo® O ver and	pplicatio neKey R Applicati o™ PC-c		ion et Secu	urity 20	•	vailable a Newego TigerDi	g®	retailers		
					 Win Min Co 	ndows L crosoft® rel® Win	ive™ Too Office 20 DVD® (D	olbar 207 Trial (60 WD±RW, Bl Go (DVD±R)	l-day) u-ray)	-		parts o for sele Mon - F next bu Service (in elig • 3-yea 9x5 N • 24x7 ¹⁴ f issues	parts and ner Repla nly (with ected par Fri covera ssiness d upgrade ible locat ar Lenovo Next Bus toll-free s	aceable U I limited o ts ³ , 8 am age exclu lay respo e options tions): ⁹ o Onsite F iness Day support for he warran	nit (CR onsite so - 5 pm, ding ho nse tim Repair (78Y or warra	ervice oliday ie) (1553) anty

IdeaCentre™ K220 (5358)

Slot x Type-model bay	Processor GHz	L2 cache	Cores Mem	Media ory ⁸ reader	SATA disk	SATA optical	Gra	aphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
5358-4AU 4x5 5358-4BU 4x5 5358-4BU 4x5 5358-1FU 4x5 5358-1BU 4x5 5358-2DU 4x5 5358-2DU 4x5	E2220 2.40 E2220 2.40 E5200 2.50 E5200 2.50 Q8200 2.33 Q8200 2.33	1MB 1MB 2MB 2MB 4MB	2 2G 2 4G 2 4G 2 4G 4 4G 4 4G	B 16-in-1 B 16-in-1 B 16-in-1 B 16-in-1 B 16-in-1 B 16-in-1		Blu-ray Blu-ray DVD±RW DVD±RW DVD±RW Blu-ray	GN GN 930 930	IA 4500 IA 4500 IA 4500 IA 4500 IO GE IO GE	None None None None None	None None None None None	11b/g	Prem 64 Prem 64 Prem 64 Prem 64 Prem 64 Prem 64	Basic Basic Prem Prem	Jan 09 Jan 09 Jan 09
	 Antibacteri Lenovo Res 													
Processor	Intel [®] Pentium with dual-cor 800MHz syste <i>E2220:</i> 1MB Intel Core™ 2 (dual-core on EIST, 1333MH Processor in I	e, Intel 6 em bus; L2 cach 2 Quad I dual-die Hz syste	64 Technol e; <i>E5200:</i> Processor e), Intel 64 m bus, and	ogy, Execut 2MB L2 ca Q8200 wit Technology 4MB L2 c	te Disable che or h quad-c , Execute ache	e Bit, EIST, core	ŀ,	 180m 21.5 Toolle Toolle 	V X 17.0 Im W X 4 Ib (9.75 k ess cover ess disk,	l32mm E (g) r remova optical c	0 X 380n I Irive rem			
Memory	2GB or 4GB s non-parity, du	std , 4GE al-chanr tandard	B max ⁸ , PC nel capable memory ir	3-8500 106 e, two 240-p n both sock	66MHz D bin DIMM ets; no so	sockets ockets availa	ıble;	Bay ① Bay ② Bay ③	ess adap 5.25", 1. 5.25", 1. 3.0", 1	.6" high, .6" high, " high,	access, access, access,	open 16-in-		reader
Graphics	Direc Some: NVID 512M Pure	rateḋ gra tX® 10, o I A® GeF IB memo Video™ I	aphics in G one 15-pin f orce® 930 ory, Direct) HD techno	43, uses m analog VG. 0 GE , PCI (® 10, Turbo logy, S-vide	ain mem A DB-15 Express® Cache, o out for	ory, connector x16,	nt	Slot 1: Slot 2: Slot 3: Slot 4:	3.5", 1 half-leng half-leng half-leng half-leng	" hiğh, ıth,full-he ıth,full-he ıth,full-he ıth,full-he	no acce eight, PC eight, PC eight, 32 eight, 32	ss, standa ss, option CI Express CI Express -bit PCI V -bit PCI V ne models	al disk s x16 Ve s x1 Ver er 2.3 er 2.3	er 2.0 **
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™ SATA cables EIDE controller Diskette drive Media reader	250GB, 500G Serial ATA, S/ Some: Multi-I Some: Blu-ra DVD a Two SATA cat None None 16-in-1 media	ATA 3.00 Burner I Iny Disc re and CD I bles (ead	Ab/s, integ DL DVD±R eader (no l recordable ch 1-drop t	rated in ICH W SATA 1.5 Blu-ray med o device), fo	110 iGb/s Dri lia burnir	ve ıg), BD-RON		** usec	l in some	e models	limovo	-		
Chipset	Intel G43 Exp [ICH10] (SATA SMSC® SCH	4 3.0Gb/	/s, PCI Èxp	oress x1, et					bus),		in.		-	
Front ports Rear ports Audio External speaker Internal speaker Wireless Ethernet Modem Security chip	High Definitio	one seri U: mo o, 3.5mn n (HD) a wireless	al (9-ṗin), nitor (VGA nitor (VGA n), line-out audio, ALC s⁴, Broadco	keyboard (F DB-15, DV DB-15) (stereo, 3.9 662 codec om BCM43	PS/2), mc 1-I), S-Vi 5mm), mi 12, PCIe	ouse (PS/2), ideo out; icrophone-in	ethe	ernet (R					Street C	
TV tuner Camera	None None								•	lenovo		retailers		
Keyboard Mouse Power supply Preloaded oper - Genuine Wind Home Premiu	lows® Vista®	l Mouse iversal, i	(ÚSB con manual sw F • • •	reloaded a Lenovo® C Driver and Trend Micr Windows I Microsoft® Corel® Wir) dpi application application Application o™ PC-c ive™ Too Office 20 aDVD® (D	ecovery ion Installati illin™ Interne	et Se -day u-ray	') /)	008	 1-year Custo parts of for sel Mon - next b Servic (in elig 3-ye 9x5 24x7¹⁴ issues 	parts ar mer Rep only (wit ected pa Fri cove usiness e upgrad gible loca ar Lenov Next Bus toll-free	laceable L h limited o rrts ³ , 8 am rage exclu day respond de options ations): ⁹ vo Onsite siness Da support f the warran	Jnit (CR onsite s - 5 pm, uding ho onse tim Repair y (78Y or warr	ervice blidays, ie) (1553) anty

IdeaCentre™ K230

Personal Systems Reference (PSREF)

Part Slot x	L2	DIMI	Modi-	SATA	SATA		ту	Remote	Cam-	Vista	Avail
number bay	Processor GHz cache Cores	Memory ⁸ capac	ity reader	disk	optical	Graphics	tuner	control	era	preload	date
57093706 4x5 57093729 4x5 57094418 4x5	E2220 2.40 1MB 2 E5200 2.50 2MB 2 E7300 2.66 3MB 2 Q8200 2.33 4MB 4 Q8200 2.33 4MB 4	6GB (2, 2,	2) 16-in- 2, 2) 16-in-	1 640GB 1 1TB 1 640GB	DVD±RW DVD±RW DVD±RW	/ GMA 3100 / GMA 3100 / GMA 3100 / GMA 3100 / GMA 3100) None) None) None		None	Prem 64 Prem 64	Jan 0 Mar0 Jan 0 Mar0 Mar0
	 Antibacterial keyboard Lenovo[®] Rescue System 										
Processor	Intel [®] Pentium [®] Process with dual-core, Intel 64 Ti 800MHz system bus; <i>E2220:</i> 1MB L2 cache; <i>E</i> Intel Core 2 Duo [™] Proce 1066MHz system bus, an Intel Core 2 Quad Proce (dual-core on dual-die), Ir EIST, 1333MHz system b Processor in FC-LGA6 pa	echnology, Exec 5200: 2MB L2 (ssor E7300 with ute Disable Bit, d 3MB L2 cache ssor Q8200 with tel 64 Technolo us, and 4MB L2	eute Disable cache or th dual-cor e EIST, e or h quad-cor gy, Execute cache	e, re	T, Bit, B	21.5 lb (9.75 Toolless cov Toolless dis Toolless ada ay ① 5.25",	432mm 5 kg) er remo , optica pter rete 1.6" higl	n D X 380 val I drive rel ention h, access	moval s, sta	ndard optic	al
Memory	5GB, 6GB, or 8GB std, 8	GB max ⁸ , PC2-	5300 667MI		2, B	ay ③ 3.0",	1" high,	e None None Prem e None None Prem e None None Prem erial growth ting into Windows 15.0" H m D X 380mm H oval al drive removal tention gh, access, standard c gh, access, open a, access, open a, access, standard c gh, access, stand		in-1 media	
Graphics	non-parity, dual-channel of Intel Graphics Media Ac integrated graphics in G3 one 15-pin analog VGA D	celerator 3100 3. uses main me	(GMA 3100		B S S	ay ⑤ 3.5", lot 1: half-lei lot 2: half-lei	1" high, ngth,full- ngth,full-	ional disk ess x16 Ve ess x1 Ver	r 1.1 1.1		
SATA disk SATA controller SATA DVD±RW SATA cables EIDE controller Diskette drive Media reader	500GB , 640GB, or 1TB, Serial ATA, SATA 3.0Gb/s Multi-Burner DL DVD±RW Two SATA cables (each 1 None None 16-in-1 media reader, inte	, integrated in 10 / SATA 1.5Gb/s -drop to device) ernal USB 2.0	CH9DH Drive , four SATA		S	ot 4: half-lei					1.1
Chipset Front ports	Intel G33 Express Chips Home [ICH9DH] (SATA 3. USB, LPC bus), SMSC [®] S Two USB 2.0, microphone	0Gb/s support, SCH5617 Super	PCI Expres	s x1, eth	ernet MA	C, PCI 2.3,				-	
Rear ports Rear audio ports Audio	Four USB 2.0, one serial mouse (PS/2), ethernet (F Line-in (stereo, 3.5mm), li SPDIF-out High Definition (HD) audio	(9-pin), parallel RJ-45), monitor ne-out (stereo,	(25-pin), ke (VGA DB-1 3.5mm), mic	yboàrd (5)	PŚ/2),	, ,	nğth,full-heiğht, 32-bit PCI Ver 2.3				
External speakers Internal speaker Ethernet Wireless Modem Security chip	None Gigabit ethernet on plana None None None	r, Intel 82256D0	>					• 		Marine	
TV tuner Remote control Camera	None None None								e retaile	rs	
Keyboard Mouse Power supply	104-key anti-bacterial key Optical Wheel Mouse (US 280 watts, universal, man	B connector), 4					🗢 Cús	ar parts a tomer Re	placeab	-	
Preloaded opera - Genuine Windo Home Premiur ∻Vista Basic log	ows [®] Vista® n 64	 Lenovo[®] Driver a Trend M Window Microso Corel[®] V 	d application ' OneKey R nd Applicati icro™ PC-ci s Live™ Too tt° Office 20 VinDVD® (D nk Power20	ecovery on Insta illin™ Inte ilbar 007 Trial VD±RW)	ernet Secu (60-day)	ırity 2007	for s Mon next ⇔ Serv (in e • 3- 9x ≈ 24x7 issu	elected p - Fri cov business vice upgra ligible lo year Lend 5 Next B 714 toll-fre	parts ³ , 8 erage ex s day res ade opti- cations) pvo Ons usiness e suppo g the wa	am - 5 pm, ccluding ho sponse tim ons	olidays e) 1553) anty

See footnotes for important warranty information IS models announced March 17, 2009; previous models on February 24, 2009

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IdeaCentre[™] K230 (5359)

Slot x Type-model bay F	rocessor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SA opti		Graphics			802.11 wireless	Vista preload	Ava dat
5359-1BU 4x5 I	E2220 E5200 E5200 E7300 E7400 Q8200 Q8200 Q8200 Q8200	2.40 2.50 2.66 2.80 2.33 2.33 2.33	1MB 2MB 2MB 3MB 3MB 4MB 4MB 6MB	2 2 2 2 2 4 4 4 4	5GB 6GB 6GB 6GB 6GB 8GB 8GB 8GB	$\begin{array}{c}(2,2,1)\\(2,2,2)\\(2,2,2)\\(2,2,2)\\(2,2,2)\\(2,2,2)\\(2,2,2)\\(2,2,2)\\(2,2,2,2)\\(2,2,2,2)\\(2,2,2,2)\\(2,2,2,2)\\(2,2,2,2)\\(2,2,2,2)\end{array}$	16-in-1 16-in-1 16-in-1 16-in-1 16-in-1 16-in-1	640GB 640GB 1TB 640GB	DVD DVD DVD DVD DVD DVD	±RW ±RW ±RW ±RW ±RW ±RW ±RW	GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 GMA 3100 9300 GE GMA 3100 9300 GE		Remot	11b/g 11b/g e 11b/g	Prem 64 Prem 64	Jan (Jan (Jan (Jan (Jan (Jan (Feb (
											to restrain b s without b					
Processor	with du E2220: Intel Co 1066MH Intel Co (dual-co Q8200:	al-co 1MB ore™ Hz sys ore 2 ore or 4MB	re, 800 L2 cao 2 Duo stem b Quad dual-o L2 cao	MHz s che; <i>E</i> Proce us, an Proce die), 13 che; <i>Q</i>	system bu 5200: 2M ssor E73 d 3MB L2 ssor Q82 333MHz s 9400: 6M	or E5200 Js; 1B L2 cache 300 or E740 2 cache or 200 or Q940 system bus 1B L2 cach LGA775 so	10 with d 10 with c ; ;			 7.1" 180 21.5 Tool Tool 	ck color beze W X 17.0" I mm W X 433 b lb (9.75 kg less cover r less disk, o less adapte	D X 15 2mm l) emova otical	D X 380 al drive rei			
Memory	5GB, 6	GB , o	r 8GB	std, 8	GB max ⁸	, PC2-5300 our 240-pin	667MH) 5.25", 1.6) 5.25", 1.6				ndard optic	al
Graphics		integ one NVIE 512N Pure	rated (15-pin)IA® G ⁄IB mei Video™	graphio analog e Forc mory, I ™ HD t	s in G33 VGA DE ® 9300 (DirectX® echnolog	elerator 31 , uses main 3-15 connec 3E, PCI Exp 10, TurboCa y, S-video c I-I connecto	memor ctor press® x ache, out for T\	y, 16, V-out,		Bay 4 Bay 5 Slot 1 Slot 2 Slot 3 Slot 4	3.0", 1" 3.5", 1" 3.5", 1" 3.5", 1" 3.5", 1" half-length half-length	nigh, nigh, ,full-h ,full-h ,full-h ,full-h	no acc no acc eight, F eight, F eight, F eight, 3	ess, stan ess, optio PCI Expre PCI Expre PCI Expre PCI Expre PCI Expre	onal disk ess x16 Ve ess x1 Ver ess x1 Ver Ver 2.3	er 1.1 1.1 * 1.1 *
SATA disk SATA controller SATA DVD±RW SATA Blu-ray™ SATA cables	Serial A Some: Some:	TA, S Multi- Blu-ra DVD	ATA 3. Burne ay Disc and Cl	0Gb/s r DL D reade D reco	, integrate VD±RW er (no Blu rdable	/s, 7200 rpr ed in ICH9E SATA 1.5Gb -ray media levice), four)H b/s Drive burning)), BD-RO		* Wir ** use	eless adapt ed in some r	er or ⁻ nodels	FV tune	r in slot ir	n some mo	odels
EIDE controller Diskette drive Media reader	None None		,		rnal USB			onnector	5						-	
Chipset	Home [ICH9	ĊΗ] (S	ATA 3.		Express® x1 CI Express r I/O							-		-	
Front ports Rear ports	Four US mouse 4DU/5A Others:	SB 2.0 (PS/2 I <i>U:</i> r), one), ethe nonito nonito	serial rnet (F r (VGA r (VGA	(9-pin), pa 3J-45), 1 DB-15, l 1 DB-15)	3.5mm), he arallel (25-p DVI-I), S-Vi	in), keyl ideo out	ooàrd (PS ;	Ś/2),	,			II			
Rear audio ports Audio External speakers Internal speaker Ethernet Wireless Modem	SPDIF- High De None None Gigabit	(stere out efinitic ether	o, 3.5r on (HD net on	nm), li) audio plana	ne-out (si o, ADI198 r, Intel 82		,.		X	reo, 3.	5mm),		00		New Jord	
Security chip	None	Live	rid ture	or 0::	port an-		and d	igital (AT	·	ianal		ailable		e retailer	S	
Remote control		Hau	ppaug	e Win [`]	V-HVR-1	log (NTSC) 250,PCIe x e control (40	:1	•		-	•	Fry's		tod Warr	antv ¹	
Camera Keyboard Mouse Power supply	Optical	Whee	el Mous	se (ÚS		6/2 connecto ctor), 400 d						Custo parts	r parts a omer Re only (w	ith limite	•	ervic

- Preloaded operating system²⁰ Genuine Windows[®] Vista[®] Home Premium 64 *♦ 5359-4DU/5AU:* Vista Premium logo *♦ Others:* Vista Basic logo Preloaded applications⁵
 - Preloaded applications[©]
 Lenovo[®] OneKey Recovery
 Driver and Application Installation
 Trend Micro[™] PC-cillin[™] Internet Security 2008
 Windows Live[™] Toolbar
 Microsoft[®] Office 2007 Trial (60-day)
 Corel[®] WinDVD[®] (DVD±RW, Blu-ray)
 CyberLink Power2Go (DVD±RW, Blu-ray) \$ Ş

IS model announced February 24, 2009; previous models on January 13, 2009

Mon - Fri coverage excluding holidays next business day response time) Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) 24x7¹¹ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

IdeaCentre™ K230 (5359) - August 2009

Slot x Type-model bay I	I Processor GHz ca	L2 Iche Cores Me	DIMM emory ⁸ capacity	Media / reader	SATA disk	SATA optical	Graphics		Remote r control		Vista preload	Avail date
5359-2HU 4x5 5359-3NU 4x5 5359-3JU 4x5 5359-3JU 4x5 5359-3LU 4x5	E52002.5021E75002.9331E75002.9331E75002.9331Q82002.3341	MB 2 6 MB 2 6 MB 2 6 MB 2 6 MB 2 8 MB 4 6	GGB (2, 2, 2) GGB (2, 2, 2) GGB (2, 2, 2) GGB (2, 2, 2, 2, 2) GGB (2, 2, 2, 2)	16-in-1 16-in-1 16-in-1 2) 16-in-1	500GB ² 640GB 500GB 640GB 640GB	DVD±R DVD±R DVD±R DVD±R DVD±R DVD±R	RW GMA 310 RW GMA 310 RW GMA 310 RW GMA 310	00 00 00 00 00 00 TV	Remote	11b/g e 11b/g 11b/g	Prem 64 Prem 64 Prem 64 Prem 64 Prem 64 Prem 64	Aug 09 Aug 09 Aug 09 Aug 09 Aug 09
	 Antibacterial Lenovo Resc 											
Processor Implementation Memory	Intel [®] Pentium [®] 800MHz system Intel Core™ 2 D 1066MHz syste Intel Core 2 Qu (dual-core on du Processor in FC 6GB or 8GB sta	n bus, and 2M Duo Process m bus, and 3 Jad Processo ual-die), 1333 C-LGA6 packa	IB L2 cache or or E7500 with MB L2 cache o or Q8200 with MHz system b age in LGA775	dual-core or quad-core us, and 4M socket	e MB L2 cad	the	Black color be 7.1" W X 17.0 180mm W X 4 21.5 lb (9.75 l Toolless cover Toolless disk, Toolless adap	" D X 1 32mm (g) remov optical	D X 380 al drive rer			
Graphics	non-parity, dual- Some: Intel Gi integrat one 15- Some: NVIDIA 512MB PureVid	-channel capa raphics Medi ted graphics in pin analog V(GeForce S memory, Dire deo™ HD tech	able, four 240-p i a Accelerator n G33, uses ma GA DB-15 conr	bin DIMM s 3100 (GM ain memore nector Express® x Cache, o out for T	sockets IA 3100), 7y, 16, V-out,	Ba Ba Ba Ba SI sI	ay ① 5.25", 1. ay ② 5.25", 1. ay ③ 3.0", 1 ay ④ 3.5", 1 ay ⑤ 3.5", 1 lot 1: half-leng lot 2: half-leng	6" high " high, " high, " high, th,full-ł th,full-ł	, access access no acce no acce neight, P neight, P	, ope , 16-i ess, stan ess, optio CI Expre CI Expre	n-1 media dard disk onal disk ess x16 Ve ess x1 Ver	reader er 1.1 ** 1.1 *
SATA disk SATA controller SATA DVD±RW SATA cables EIDE controller Diskette drive Media reader	500GB, 640GB Serial ATA, SAT Multi-Burner DL Two SATA cable None None 16-in-1 media re	A 3.0Gb/s, int DVD±RW S/ es (each 1-dro	tegrated in ICH ATA 1.5Gb/s Dr op to device), fo	I9DH rive	onnectors	SI *	lot 3: half-leng lot 4: half-leng Wireless ada used in some	th,full-ł pter or	neight, 3 TV tuner	2-bit PCI	Ver 2.3	
Chipset	Intel G33 Expre Home [ICH9DH LPC bus), SMS	I] (SATA 3.0G	b/s, PCI Expre						lenovo		_	
Front ports Rear ports Rear audio ports		one serial (9-p ethernet (RJ-4 tor (VGA DB- mitor (VGA DI	bin), parallel (29 45), 15, DVI-I), S-V 3-15)	5-pin), key 'ideo out;	board (PS	5/2),	, ,		1		-	
Audio External speakers Internal speakers Ethernet Wireless Modem Security chip	SPDIF-out High Definition None Gigabit etherne Some: 11b/g w None None	t on planar, Ir	ntel 82256GC	12, PCle)	<1 adapte	r					Newstree	
TV tuner Remote control Camera	Haupp	auge WinTV-I	rt analog (NTS HVR-1250,PCI remote control	ex1	0 (, 0	USB -			ted Warr	•	
Keyboard Mouse Power supply	104-key antibac Optical Wheel M 280 watts, unive	Nouse (ÚSB o	connector), 400					 Custe parts 	only (wi	blaceable th limite	e Unit (CR d onsite s m - 5 pm,	ervice
	ows [®] Vista®)	Preloaded a • Lenovo® O • Driver and • Trend Micr • Windows L • Microsoft® • Corel® Win • CyberLink	Applicatio o™ PC-cill ive™ Tooll Office 200 DVD® (DV	covery n Installat in™ Interr oar 07 Trial (60 D±RW)	net Secu D-day)	irity 2008	Mon next Servi (in el • 3-y 9xt 24x7 issue	- Fri cove business ce upgra igible loc ear Lenc 5 Next Bu 4 toll-free	erage exe day res de optio cations): vo Onsit usiness I e suppor the war	cluding ho ponse tim ns	1553) anty
See footnotes for in	mportant warranty	information									() Lenovo

See footnotes for important warranty information US models announced August 19, 2009

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ideacentre



Lenovo IdeaCentre K300



Lenovo IdeaCentre K300





Lenovo IdeaCentre K300 (monitor not included) Lenovo IdeaCentre K300 Power control switch



Lenovo IdeaCentre K300 toolless disk drive removal



Lenovo IdeaCentre K300 top button

IdeaCentre™ K320 (3019) - Windows 7

Personal Systems Reference (PSREF)

Slot x Type-model bay	Pro- cessor GHz	Max turbo (GHz) Cache	Cores Mem	SATA ory ⁸ disk	SATA optical	Graphi	cs	TV tuner	Remote control	802.11 wireless	Win 7 preload	Ava dat
019-1BU 4x5 i 019-1CU 4x5 i 019-1LU 4x5 i	3-530 2.93 5-750 2.66 7-860 2.80 7-860 2.80 3-550 3.20	4MB 3.20 8MB 3.46 8MB 3.46 8MB 4MB	2 2GE 4 2GE 4 2GE 4 2GE 2 2GE	3x3 640GB 3x4 1TB 3x4 1TB	DVD±RW DVD±RW Blu-ray DVD±RW DVD±RW	Intel HD GeForce HD4650 GeForce Intel HD		TV TV	Remote Remote	11b/g ¹¹ 11b/g 11b/g/n ²⁸	Prem 64 Prem 64 Prem 64 Prem 64 Prem 64	
				djust power al OneKey recove					o, and tur	bo) [excep	t 3019-2GU	ŋ
Processor	Intel 64, Hyp dual-channe Intel Core ii Turbo Boost integrated 1: 8MB cache Intel Core ii Hyper-Threa (up to 3.46 0 dual-channe	ber-Threading ber DDR3 mem 5 Processor (Technology (333MHz dual or 7 Processor ading Technol GHz at max tu	Technolog ory controll i5-750 with up to 3.20 (-channel DI i7-860 with ogy, Turbo I urbo mode), ory controll	r i3-550 with d y, integrated 1 er, 4MB cache quad-core , In GHz at max tu DR3 memory of quad-core , Ir Boost Technolo integrated 13 er, 8MB cache	333MHz or tel 64, rbo mode), controller, ttel 64, ogy 33MHz	• 7. • 18 • 24 • Tc • Tc • Tc Bay Bay	lack bezo 09" W X 30mm W 4.6 lb (11 polless co polless d polless a (1) 5.25 (2) 5.25	17.32 X 44(.2 kg) over re isk, op dapte ", 1.6" ", 1.6")	390mm H e removal i cess, sta cess, op	andard opti ven in-1 medi	
Memory				annel capable ty, four 240-pir		Bay	/ ④ 3.5",	1" h	nigh, no	access, sta	andard disk	<
Graphics	Some: NVI Some: NVI Some: NVI Dire ana Some: NVI Dire con Some: ATI 1GE	s main memor A DB-15 conr DIA [®] GeForc cictX 10.1, NV log VGA DB- DIA GeForce citX 10.1, NV nector, one H Madeon™ B memory, Di	ry, DirectX [®] lector, one I le [®] 310 , PC IDIA PureVi 15 connecto GT 320 , P IDIA PureVi DMI connecto IDMI connecto HD 4650 , P rectX 10.1, 1	ed graphics in 10, one 15-pi HDMI connect I Express® x10 ideo®, NVIDIA or, one HDMI c CI Express x1 ideo, NVIDIA (ctor, HDCP CI Express x1 ATI Avivo™ HE ctor, one Displ	n analog or, HDCP 5, 512MB , CUDA™, or connector, H 6, 1GB men CUDA, one a 6, 0, one analo	ne DCP nory, analog VG	t 2: half-I t 3: half-I t 4: half-I Wireless Graphics A DB-15 -15	ength ength ength adapt adapt	,full-heigh ,full-heigh ,full-heigh er or TV ti	nt, PCI Exp nt, PCI Exp nt, 32-bit P	in some m	r 2.0 * r 2.0 *
SATA disk SATA controller SATA optical SATA cables EIDE controller Diskette drive Media reader	640GB or 1 Serial ATA, S Some: Multi Some: Blu-I DVD Two SATA ca None None	TB, SATA 3G SATA 3.0Gb/s i-Burner DL E ray™ Disc rea and CD reco	b/s, 7200 rp , integrated VD±RW SA ider (no Blu ordable -drop to dev	om in chipset, RA ATA 1.5Gb/s D -ray media bur vice), five SAT/	AID 0 suppor rive rning), BD-R	rt ROM,			F		Arrange and	
Chipset		xpress Chips										
Front ports Rear ports Rear audio ports Audio External speakers Internal speaker	Six USB 2.0 HD4650 mo Others: Line-in (3.5r High Definiti None None), keyboard (F <i>dels:</i> VGA D VGA D nm), line-out ion (HD) audi	2S/2), ethérn B-15, HDMI B-15 and H (3.5mm), m o, ALC888S	l, and DisplayF DMI icrophone-in (S codec	Port 3.5mm), S/F							
Wireless Ethernet Modem Security chip	Some: 11b/	g wireless⁴, E (g/n wireless⁴, rnet on plana	Atheros® c	CM4312, PCle hip, PCle x1 a 78DC	e x1 adapter dapter	-			control s		ot have pow	ver
TV tuner Remote control Camera	<i>Some:</i> Hybr <i>Some:</i> Phili None	rid tuner, sup ps® Win7 MC	oort analog E remote co	(NTSC) and d ontrol (40-butte	igital (ATSC on), IR recei	C) signal, F ver via US	PCle x 1 BB	-	1-year par Customer parts only	rts and lab Replaceal (with limit	or ble Unit (Cl ted onsite s	service
Keyboard Mouse Power supply	Optical Whe	/board (PS/2 eel Mouse (US iniversal, mar	SB connecto	Fn keys, blacl or), 1000 dpi, b	black			-	Service u (in eligible	pgrade opt e locations		
Preloaded opera Genuine Wind Home Premiur Preloaded appli Lenovo® OneK	ows [®] 7 [°] n 64 cations ⁵ (onlj	y some listed	(60 • Len • Cor • Cyb	Afee® VirusSca days of virus o ovo Power Dia el® WinDVD® (erLink Power2 9-2GU does no	definitions) Il* Blu-ray) 2Go* (DVD±	-	.,	-	9x5 Nex • 3-year L 9x5 Nex 24x7 ¹⁴ toll	t Business enovo Ons t Business -free supp ring the wa	arranty per	Y1552) Y1553) r anty

See footnotes for important warranty information IS models announced September 8, 2010, previous models on February 3, 2010

IdeaCentre™ K320 (3019) - Windows 7 (web only models)

Personal Systems Reference (PSREF)

Slot x Type-model bay	Pro- cessor GH		ores	Memory		Media reader	SATA disk	SATA optical	Graphics	TV tuner			Win 7 preload	Avail date
3019-1EU 4x5 3019-2OU 4x5	i3-530 2.9 i5-750 2.6 i5-750 2.6 i7-870 2.9	6 8MB	4 2	2GBx2 10 2GBx2 10 2GBx3 13 2GBx4 13)66 1 333 1	6-in-1 6-in-1	500GB ² 640GB 1TB 1TB		Intel HD GeForce 310 GeForce GT 3 HD 5570	None None 30 None None	None None	None None None None	Prem 64 Prem 64 Prem 64 Prem 64	Apr 10 Dec 10
									ee modes (cool ing into Window		d turbo)			
Processor	Hyper-Th DDR3 me Intel Corr Turbo Boo integrateo 8MB cach Intel Corr Hyper-Th (up to 3.6 dual-char	reading Te emory con e i5 Proce ost Techno I 1333MH ne e i7 Proce reading Te 0 GHz at unel DDR3	echno trollei essor ology z dua essor echno max t 3 men	(up to 3.2 I-channel i7-870 wi logy, Turb urbo mod nory contr	grated che or th qu 0 GH: DDR: DDR: th qu o Boc e), int	ad-core z at ma 3 memo ad-core ost Tech egrated	1Hz dual- e, Intel 64 x turbo m ory contro e, Intel 64 inology 1 1333Mł	channel 4, node), biller, 4,	Tower • Black bezel • 7.09" W X 1 • 180mm W 2 • 24.6 lb (11.1 • Toolless coo • Toolless dis • Toolless ad Bay ① 5.25", Bay ② 5.25",	7.32" D	D X 390 val drive rer ention , access	mm H moval s, star	idard optio	cal
Implementation Memory		3, or 8GB 1066MH	std, z DDF	8GB max ⁸ R3 or PC3	-1060				Bay ③ 3.0", Bay ④ 3.5", Bay ⑤ 3.5",	1" high, 1" high,	no acc no acc	ess, star ess, opti	onal disk	
Graphics	Some: Ir u Some: N D a	ntel HD G ses main GA DB-15 VIDIA® G virectX 10. nalog VG/	raphi memo 5 conr 6 eForo 1, NV A DB-	cs, integra ory, Direct nector, on ce® 310, F /IDIA Pure 15 conne	ated o X [®] 10 e HDI PCI Ex eVideo ctor, c), one 1 VI conr kpress® o®, NVI one HDI	5-pin ana nector, HI x16, 512 DIA CUD MI conne	alog DCP 2MB,		ngth,full- ngth,full-	height, P height, P	PCI Expre	ess x1 Ver ess x1 Ver	2.0
	Some: A D C	onnector, TI™ Rade irectX 11, onnector,	one ⊦ on™ ATI A one ⊦	IDMI conr HD 5570 , Avivo™ HE IDMI conr	PCI I PCI I), one nector	r, HDCF Express analog r, HDCF	s x16, 1G VGA DE	B memory,	VGA DB-15					° à I
SATA disk SATA controller SATA optical SATA cables	Serial ATA Some: M Some: B	A, SATA 3. ulti-Burne u-ray™ Di VD and Cl	0Gb/s r DL I sc rea D rec	DVD±ŘW ader (no E ordable	ed in SATA Blu-ray	chipset 1.5Gb/ / media	, RAID 0 's Drive burning)), BD-ROM,				HINH		
Media reader	16-in-1 m	edia read	er, int	ernal USE	3 2.0	<i>)</i> , iivo c	5/ 1/ (001							
Chipset Front ports Rear ports Audio External speakers Internal speaker Wireless Ethernet Modem Security chip	Line-in (3 High Defi	2.0, micro 2.0, keybo .5mm), lin nition (HD	ophon pard (F pe-out) aud	e (3.5mm PS/2), eth (3.5mm), io, ALC88	érnet micro 8S co	(RJ-45) ophone- odec), monito	i) r (VGA DB- m), S/PDIF-	15, HDMI) -out					V
TV tuner Remote control Camera	None None None													
Keyboard Mouse Power supply	Full-size I Optical W 280 watts	heel Mou	se (U	SB conne	ctor),		black				ar parts a	ted Warr and labor		
Preloaded oper - Genuine Wind Home Premiu Preloaded appl - Lenovo® Onek • Driver and App • McAfee® Virus (60 days of vir • Lenovo Power • Lenovo Health • CyberLink Pow	lows [®] 7 m 64 ications ⁵ (d (ey Recove plication Ins Scan [®] Plus us definition Dial ncare Softwa	only some ry tallation ns) are	listeo	1)						parts for s Serv (in el • 2-y 9x; • 3-y 9x; ≈ 24x7 issue	s only (wi elected p ice upgra igible loo year Lenc 5 Next Bu year Lenc 5 Next Bu 5 Next Bu 14 toll-fre	ith limite parts ³ , 8 a ade optic cations): ovo Onsi usiness I ovo Onsi usiness I e suppor g the war		ervice (1552) (1553) anty

See footnotes for important warranty information W US models announced December 15, 2010, previous models on April 7, 2010

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IdeaCentre™ K330 (7727) - Windows 7

Personal Systems Reference (PSREF)

Slot Type-model bay		Max turbo Iz (GHz)	Cache (Cores	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
7727-1SU 4x4 7727-1TU 4x4 7727-2KU 4x4 7727-2KU 4x4 7727-2LU 4x4	i7-2600 3.4 i7-2600 3.4 i5-2300 2.4 i5-2300 2.4	40 3.80 30 3.10	8MB 8MB 6MB 6MB	4 4	4GBx3 4GBx2 4GBx2 2GBx3	1TB ² 1TB 1TB 1TB 1TB	DVD±RW DVD±RW DVD±RW DVD±RW	GeForce GT 420 GeForce GT 420 GeForce GT 420 GeForce GT 420	None None None None	None None	None None None None	Prem 64 Prem 64 Prem 64 Prem 64	Feb 11 Feb 11 Feb 11 Feb 11
	• Le	novo Res	cue Syst	tem pro	ovides Ói	neKey r	ecovery with	gy for three modes out booting into W (ey Ready (O10PK	indows		turbo)		
Processor	Turbo Boos integrated 1 Intel Core i	t Technol 333MHz 7-2600 P t Technol 333MHz	ogy 2.0 (dual-cha rocesso ogy 2.0 (dual-cha	up to 3 innel D or (4 cc up to 3 innel D	.10 GHz) DR3 me res / 8 tl .80 GHz)), integra mory co nreads ,), integra	ated Intel HE ontroller 3.40 GHz, 8 ated Intel HE	z, 6M Cache) D Graphics 2000, BM Cache), D Graphics 2000,		 Genuin Home I Preloade listed) Lenovo 	e Window Premium 6 ed applica ® OneKey	s [®] 7 54 tions ⁵ (only Recovery	some
Vemory	16GB max ⁸ non-parity, 1					00 1333	MHz DDR3,			 McAfee 	[®] VirusSca	an® Plus	ation
Graphics	NVIDIA® Ge	Force® (, NVIDIA	GT 420 , I CUDA™	PCI Ex Techn	press® x [®]		3 memory, DB-15 conne	ector,		rr control wireless preload e None None Prem 64 e None None Prem 64 e None None Prem 64 e None None Prem 64 e None None Prem 64 Freloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only listed) • Lenovo® OneKey Recovery Driver and Application Installa • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • CyberLink Power2Go (DVD±F • Microsoft Office 2010 preload purchase product key to active • Lenovo Eye Distance System • Windows Live Essentials • Lenovo Power Dial • Backontrack • Limited Warranty ¹ 7 - 1-year parts and labor 7 - Customer Replaceable Unit (parts only (with limited onsite)	led;		
SATA disk SATA controller SATA optical SATA cables	Multi-Burne Two SATA c two SATA 6	SATA 3.0 r DL DVE ables (ea	Gb/s and ERW SA ach 1-dro	d SATA TA 1.5 p to de	Gb/s Drivevice), two	/e o SATA	3.0Gb/s con	et, RAID 0 support nectors,		 Lenovo Lenovo Windov Lenovo 	Dynamic Eye Dista vs Live Es Power Dia	Brightness nce System sentials	System
EIDE controller Diskette drive	None None											52-51	
Media reader Chipset	16-in-1 mec Intel P67 E			I USB :	2.0								- Angeler
Front ports Rear ports Rear audio ports Audio External speaker Internal speaker Wireless Ethernet Modem Security chip	monitor (VG Line-in (3.5 Cen/LFE (3 High Definit s None None Gigabit ethe None None None), keyboa iA DB-15 mm), line .5mm), F ion (HD)	rd (PS/2) , HDMI) -out [Fro lear out L audio, Al), mous nt out I _/R (3.9 LC892	se (PS/2) _/R] (3.5r 5mm), Sid codec	, ethern nm), mi	net (ŔJ-45), o	(3.5mm),				Arrenous	
FV tuner Remote control Camera Keyboard	None None None Full-size ke	uboard (F	<u> </u>		En kovo	black				Preloaded operating system ²⁰ - Genuine Windows [®] 7 Home Premium 64 Preloaded applications ⁵ (only so listed) - Lenovo [®] OneKey Recovery - Driver and Application Installatio McAfee [®] VirusScan [®] Plus (60 days of virus definitions) - Lenovo Power Dial - CyberLink Power2Go (DVD±RW - Microsoft Office 2010 preloaded purchase product key to activate - Lenovo Dynamic Brightness Sys - Lenovo Eye Distance System - Windows Live Essentials - Lenovo Power Dial - Backontrack			
Vouse Power supply	Optical Whe	el Mous	e (USB c	onnect								A state	
Machine	 Black bez 7.09" W X 180mm W 24.6 lb (1' Toolless d Toolless d Toolless a 	el 17.32" D X 440mi I.2 kg) over remi isk, optic	0 X 15.35 m D X 39 oval al drive r	" H 90mm I						🗢 Custo	parts and mer Repla	labor ceable Unit	
Bay Slot	Bay ① 5.25 Bay ② 5.25 Bay ③ 3.5" Bay ④ 3.5" Slot 1: half- Slot 2: half- Slot 3: half- Slot 4: half-	", 1.6" hig ", 1.6" hig 1" high 1" high length,ful length,ful length,ful	gh, acces gh, acces n, no ac II-height, II-height, II-height, II-height,	ss, ccess, PCI E PCI E PCI E PCI E	optional o xpress x1 xpress x1 xpress x1	disk disk 6 Ver 2 6 Ver 2 8 Ver 2.0 1 Ver 2.0	2.0 ** 0 * 0 *			for sel ⇒ Servic (in elig • 2-ye 9x5 • 3-ye 9x5 ⇒ 24x7 ¹⁴	ected part e upgrade gible locati ar Lenovo Next Busin ar Lenovo Next Busin toll-free s	s ³ , 8 am - 5 options ons): ⁹ Onsite Rep ness Day (Onsite Rep ness Day (upport for w	pm) 78Y1552) air 78Y1553) varranty

See footnotes for important warranty information US models announced February 16, 2011

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IdeaCentre™ K330 (7727) - Windows 7 (web only models)

Personal Systems Reference (PSREF)

Slot x Type-model bay	Pro- cessor	GHz	Max turbo (GHz)	Cache	Cores	Memory ⁸	SATA disk	SATA optical	Graphics		Remote control		AC adapter	Win 7 preload	Avail date
727-3FU 4x4 727-3GU 4x4 727-3HU 4x4	i7-2600 i5-2500 i5-2300	3.40 3.30 2.80	3.80 3.70 3.10	8MB 6MB 6MB	4 4 4	4GBx3 4GBx2 2GBx3	2TB ² 1TB 1TB	Blu-ray Blu-ray DVD±RW	NVIDIA GTX 460 NVIDIA GT 440 ATI HD 5750	None	None None None	None	450W 280W 450W	Prem 64 Prem 64 Prem 64	Mar 11
	•	Lenov	o Rese	cue Sys	tem p	rovides O	neKey r	recovery wit	rgy for three mode hout booting into V Key Ready (O10Pl	Vindov		nd turb	o)		
Processor	Turbo Be integrate Intel Co Turbo Be integrate Intel Co Turbo Be	oost Te ed 133 re i5-2 oost Te ed 133 re i7-2 oost Te ed 133	echnolo 3MHz (2500 Pi echnolo 3MHz (2600 Pi echnolo 3MHz (ogy 2.0 dual-cha rocesso ogy 2.0 dual-cha rocesso ogy 2.0 dual-cha	(up to annel or (4 c (up to annel or (4 c (up to annel	3.10 GHz DDR3 me ores / 4 t 3.70 GHz DDR3 me ores / 8 t), integr mory co nreads), integr mory co nreads), integr	rated Intel H ontroller , 3.30 GHz, rated Intel H ontroller , 3.40 GHz, rated Intel H	Hz, 6M Cache) ID Graphics 2000, 6M Cache) ID Graphics 2000, 8M Cache), ID Graphics 2000,		- Gen Hon Preloa listed) • Lend • Drive • McA (60 c	uuine Wi ne Prem aded ap ovo [®] On er and A fee [®] Vir days of	ndows [®] 7 nium 64 oplication eKey Rea Applicatio usScan® virus defi	ns ⁵ (only s covery n Installati Plus	
mplementation <i>I</i> lemory	16GB m	ax ⁸ , du	ual-cha	nnel ca	pable,		00 1333	3MHz DDR3	,		Cyb		ower2Go)	
Graphics	Some: N Some: N	NVIDIA occupy NVIDIA one VG	GeFore two slope GeFore A conrelation	orce [®] C ots, two rce GT nector, c ™ HD 5	TX 46 DVI-I, 440 , I one D\ 5750 , I	60, PCI Ex one mini PCI Expre /I-I conne PCI Expre	HDMI, ss x16, ctor, on ss x16,	HDCP-com 1.5GB mer e HDMI cor	nory, DirectX 11, inector, HDCP-com ory, DirectX 11,		Core Micr purc Lenc Wince	osoft Of hase pr ovo Dyn ovo Eye	VD® (Blu ffice 2010 oduct key amic Brig Distance ve Essen) preloade y to activat ghtness Sy system	te
SATA disk SATA controller SATA optical SATA cables Diskette drive Media reader	Some: I Some: I Two SAT	TA, SA Multi-B Blu-ray TA cabl A 6.0G	TA 3.00 urner [™ Disc es (eac ab/s co	Gb/s an DL DVD reader ch 1-dro nnector	d SAT ±RW (no B op to c s, and	A 6.0Gb/s SATA 1.50 lu-ray med levice), tw one eSAT	àb/s Ďri dia burr o SATA	ive ning), BD-R(3.0Gb/s co	set, RAID 0 suppor OM, DVD / CD reco nnectors,		Back	kontrack		1	100.0
Chipset	Intel P6					2.0									
Front ports Rear ports Rear audio ports Audio Speaker Wireless Ethernet Modem Security chip	Six USB Line-in (3 2.0, k 3.5mm E (3.5m finition	eyboar ı), line- ım), Re (HD) a	rd (PS/2 out [Fro ear out audio, A	e), moi ont out L/R (3 LC89	: L/R] (3.5i .5mm), Si 2 codec	, etheri nm), m	5mm) net (RJ-45), icrophone-ii ound out L/I						Airponus	5
TV tuner Remote control Camera	None None None														
Keyboard Mouse Power supply	Optical \	Whéel 280 w	Mouse atts, u	(USB oniversal	conneo , mani	r), Fn keys ctor), black ual switch sensing									
Machine	 Black I 7.09" V 24.6 lb Toolles Toolles Toolles 	W X 17 0 (11.2 SS cove SS disk	kg) er remo , optica	oval al drive			X 440m	nm D X 390	mm H		🗢 Của	ear part stomer l		•	
3ay Slot	Bay 1 5 Bay 2 5 Bay 3 3 Bay 4 3 Slot 1: h Slot 2: h Slot 3: h Slot 4: h	5.25", 1 5.25", 1 3.5", 3.5", alf-len alf-len alf-len alf-len	6" hig 6" high 1" high 1" high gth,full gth,full gth,full gth,full	h, acce h, acce , no ac -height, -height, -height, -height, or TV tur	ss, ccess, PCI I PCI I PCI I PCI I PCI I	standard open standard optional of xpress x xpress x xpress x slot in som models, s	disk disk 16 Ver 2 16 Ver 2 1 Ver 2. 1 Ver 2. 1 Ver 2.	2.0 ** 2.0 ** 0 * 0 * els	pters occupy two sl	ots	for	selected vice up eligible -year Le x5 Next -year Le x5 Next 7 ¹⁴ toll-1	d parts ³ , 6 grade op locations enovo On Busines enovo On Busines free supp ing the w	8 am - 5 pr tions	n) r 3Y1552) r 3Y1553) rranty

See footnotes for important warranty information US models announced March 9, 2011

ideacentre





Lenovo IdeaCentre A300

lenovo



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300 Wireless keyboard and mouse

IdeaCentre™ A300 (4018) - Windows 7

P Type-model e	Proc- ssor	GHz		Widescreen	Camera (mega- pixel)	Graphics	SATA disk	Externa optical		ΤV	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
						GMA 4500MHD GMA 4500MHD				ΤV		Bluetooth Bluetooth			
		• (Se	eleted m	odels) Integ	rated T	ull HD 16:9 wide V tuner des OneKey reco				to Wir	ndows				
Processor		800M Intel	lHz syste Core ™ 2	m bus, and 1	MB L2 sor T6	600 with dual-co	re,				- G H	oaded ope enuine Wi ome Prem	ndows® ium 64	7	
Memory		3GB	or 4GB s channel c	td / 4GB max capable, two	x ⁷ / PC3 204-pin	-8500 1066MHz I SO-DIMM socke oth sockets; no so	ts;		у,		liste	oaded apj d) enovo® On edia Show	eKey R		some
External DVD SATA disk				GB , SATA 3.	0Gb/s, 2	2.5" wide, 5400 rp	om				• Lo	enovo Can cAfee® Vir	nSuite usScan		
Widescreen display Camera Controls		CCFL Came Touch	 backligher backligher	nt, 250 nits, 1 o of screen, 0	6:9 asp).3-meg brightn	1080) TFT color , ect ratio, 1000:1 (apixel, fixed focus ess control, Novo I IN)	contrast s, with m	ratio, fr a iono mic	ameless s prophone		, • Ň	0 days of /indows Liv icrosoft® C	ve™ Ess	ential (60-day)
Graphics						r 4500MHD (GM) main memory, D									
Chipset Multicard read Ports	der	8-in-1 Memo <i>Rear:</i>	reader (ory Stick Two US	MultiMedia (Duo, Secure B 2.0, etherr 394 FireWire	Card, RS Digital net (RJ-4	set, ICH9M I/O C S-MMC, Memory Card, miniSD, xD 45), TV antenna c pin connector), H	Stick, M -Picture	emory S Card™) or on sor		-					
PCIe Mini Car 11b/g/n ²⁸ TV tuner		11b/g	/n wireles			Broadcom [®] chip support analog ar			PCIe Mini	Card		watt AC ac S-complia			
Bluetooth™ Modem Ethernet Audio support	t	Blueto None Gigat High stereo micro	ooth 2.1 bit ethern Definitior o speake phone in	wireless + El et on planar, n (HD) Audio, rs (2 watt x 2 put jack (3.5	DR, USE Realtel Realtel 2) / mone mm), he	RTL8111DL ALC272 codec, o microphone, eadphone jack / S ssword, security	1 ICH9M / S/PDIF-c	, LED in out (3.5 i	dicator	Sard	⇔ C p s 8	-year parts ustomer R arts only (ervice for s am - 5 pm	and lal leplaceation with lim selected	able Unit (ited onsit I parts ³ ,	
Keyboard Mouse Remote contro		Wirel	ess keyb ess laser	oard via Blue	tooth [®] ,	6-row, multimedia n, 1200 dpi, white	a Fn key				(i	ervice upg n eligible I 2-year Le 9x5 Next	ocation novo Or	s): [。] ısite Repa	
Dimensions ³ Weight ² Chassis View adjustme	-	With Scree 22.9 I White	<i>base (W)</i> en depth: b (10.4 kg e color, Al	Ó.73"	; 18.5m		m x 396	mm x 21	0mm		~ 2 is	3-year Le 9x5 Next 9x5 Next 4x7 ¹⁴ toll-fu sues durin a 877-453	novo Or Busines ree supp ng the v	nsite Repa is Day (7 port for wa	air 78Y1553 arranty

See footnotes for important warranty information US models announced March 11, 2010

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IdeaCentre[™] A300 (4018) - Windows 7 (web only models)

Proc- Type-model essor			Camera (mega- pixel)	Graphics	SATA disk	External optical	PCle Mini Card 802.11	τv	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1MU T4400 4018-1NU T4400 4018-1OU T6600 4018-4BU T6570	2.20 <i>4GB</i> 21. 2.20 <i>4GB</i> 21.	5" WUXGA 5" WUXGA	0.3M 0.3M	GMA 4500MHD GMA 4500MHD	500GB 500GB	None None	11b/g/n 11b/g/n	TV TV TV TV	None None	Bluetooth Bluetooth Bluetooth Bluetooth	BT/BT BT/BT	Prem 64 Prem 64	Mar 10 Mar 10
	(Seleted mo	dels) Integ	rated T	ull HD 16:9 wide V tuner des OneKey reco				to Win	ndows				
Processor	800MHz system Intel Core™ 2 I	n bus, and 1 Duo proces	MB L2 sor T6	570 or T6600 with	n dual-co	ore,			- G H	oaded ope enuine Wii ome Prem	ndows® ium 64	7	
Memory	dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available xternal DVD±RW None											ns ¹⁴ (only ecovery	some
External DVD±RW SATA disk		B , SATA 3.0)Gb/s, 2	2.5" wide, 5400 rp	om				(6	cAfee® Vir 0 days of	virus de	finitions)	
Widescreen display Camera Controls	CCFL backlight Camera on top	, 250 nits, 1 of screen, 0 buttons for	6:9 asp .3-meg brightn	ect ratio, 1000:1 apixel, fixed focus ess control, Novo I IN)	contrast s, with m	ratio, fra iono mic	ameless s prophone			/indows Liv licrosoft® C			60-day)
Graphics	Intel Graphics	Media Acc	elerato	r 4500MHD (GM) main memory, D									
Chipset Multicard reader Ports	8-in-1 reader (M Memory Stick D <i>Rear:</i> Two USB	AultiMedia C Duo, Secure 2.0, ethern 94 FireWire	ard, RS Digital et (RJ-	set, ICH9M I/O C S-MMC, Memory Card, miniSD, xD 45), TV antenna c pin connector), H	Stick, Mo Picture	emory S Card™) or on sor							
PCIe Mini Card 11b/g/n² ⁸ TV tuner Bluetooth™	AverMedia® Hyl Bluetooth 2.1 w	s⁴, PCIe Min brid tuner, s	upport	Broadcom [®] chip analog and digita 3 2.0 interface via	l signal,	PCle Mi				watt AC ac S-compliar Lim	nt	urranty ¹	
Modem Ethernet Audio support	stereo speakers microphone inp	(HD) Audio, s (2 watt x 2 ut jack (3.5	Realte) / mon mm), h	k ALC272 codec o microphone, eadphone jack / S	S/PDIF-c		nm)		⇔ C p s	-year parts sustomer R arts only (ervice for s am - 5 pm	eplacea with lim	able Unit (ited onsite	
Security Keyboard Mouse Remote control	Wireless keybo	ard via Blue	tooth, 6	ssword, security Frow, multimedia n, 1200 dpi, white	Fn keys				—	ervice upg n eligible l 2-year Lei	rade op ocation novo Or	s): [。] ısite Repa	
Dimensions ³ Weight ² Chassis View adjustments	With base (WxH Screen depth: 22.9 lb (10.4 kg) White color, AB	0.73";) S plastic	18.5m		m x 396ı	mm x 21	0mm		⇒ 2 is	3-year Lei 9x5 Next I 9x5 Next I 4x7 ¹⁴ toll-fi sues durir ia 877-453-	novo Or Busines ree supp ng the v	s Day (7 port for wa	air 78Y1553 arranty

See footnotes for important warranty information IS model announced February 16, 2011; previous models on February 5, 2010

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IdeaCentre™ A310 (4073) - Windows 7

Type-model	Proc- essor	GHz	Max turbo (GHz)	Memory	Widescreen		Camera (mega- pixel)	Graphics	SATA disk	External optical	PCle Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-2DU 4073-2EU	P6100 i3-370M				21.5" FHD 21.5" FHD							TV	Remote		Prem 64 Prem 64	
) (Sele Lend	eted m ovo Re	nodels) In escue Sys	vith 21.5" F Itegrated T stem provic Microsoft®	V tune des O	er neKey i	recovery	/ withou	t booting	into Wind	ows				
Processor	C a lı C	OMI (D and 3M ntel [®] (OMI (D	irect N IB cacl Core ™ irect N	ledia Inter he or i3 proces ledia Inter	ssor P6100 face), integ ssor i3-370 face), integ ology, and 3	rated M with rated	DDR3 m n dual-c DDR3 m	nemory o ore,				- Ge Ho Prelo		ndows [®] ium 64 plication	7 is 14 (only :	some
Memory	4	GB st	d / 8Gl	B max ⁷ / F	C3-8500 10 two 204-pin	066MI	Hz DDR		arity,			Driv	lovo® One /er and Ap Afee® Viru	oplicatio	n Insťallat	ion
External DV SATA disk	D±RW L	JSB 2.	0 exte	rnal DVD		-in						(60 • Cvb	days of v perLink Yo	irus defi uCam	nitions)	
Widescreen display Camera Controls	2 L C	: 1.5 " (: . ED ba	546.1n ackligh a on to	nm) Full I t, 250 nits p of scree	HD (WUXGA , 16:9 aspected an, 0.3-mega s for Menu/C	A 192 ct ratio apixel	0x1080) o, 1000: , fixed fo	TFT col 1 contra ocus, wit	st ratio, f h mono	rameless microphone	screen	Mic pur	ndows Live rosoft Off chase pro perLink Pc	ice 2010 duct key) preloade / to activa	te
Graphics					rocessor, support via	HDM	l out cor	nnector,	HDCP-c	ompliant						
Chipset Multicard rea Ports	ader 7 N F	/lobile '-in-1 r /lemor ? <i>ear:</i> 1	Intel I eader y Stick Two US	HM55 Exp (MultiMed Duo, Sed BB 2.0, ett n, HDMI d	bress Chips dia Card, RS cure Digital hernet (RJ-4	set 6-MM Card.	C, Memo miniSD	ory Stick	, Memor	y Stick PR	-	-				
PCIe Mini C 11b/g/n ²⁸ TV tuner	1	1b/g/n	wirele		ots Half Mini C upport analo					Card			vatt AC ac S-compliar			
Bluetooth® Modem Ethernet Audio suppo	E Ort s n	Bluetoc Jone Aigabit High Do tereo s nicropl	oth 2.1 etherr efinitio speake none ir	wireless net on pla n (HD) Au ers (2 wat nput jack (+ EDR, USE nar, Realtek Idio, Realtek t x 2) / mono (3.5 mm), he Ipervisor pa	3 [°] 2.0 i « [®] RTI k ALC o micr eadph	nterface _8111DL 272 cod ophone, ione jack	e, ĽED in - lec / < / S/PDI	dicator F-out (3			⇔ Ci pa se 8 a	year parts ustomer R urts only (v rvice for s am - 5 pm	eplacea with limi selected)	or ble Unit ((ted onsite parts ³ ,	
Keyboard Mouse Remote con	V V	Vireles Vireles	s keyt s lase	oard via l r mouse v	Bluetooth, 6 via Bluetooth ontrol, via IF	i-row, n, whi	multime	,		e		(in •	ervice upg i eligible l 2-year Lei 9x5 Next l	ocations	s):º site Repa	
Dimensions ² Weight ² Chassis View adjustr	3 1 5 1 V	<i>Vith ba</i> Screen 5.9 lb Vhite c	ase (W depth (7.2 kg color, A	<i>xHxD):</i> 2 <i>:</i> 0), weight NBS plasti	0.63" x 15.5 .73"; 18.5mr may vary by c	9" x 8 n / conf			96mm x	207mm		• - ≈ 24	9x5 Next I 3-year Lei 9x5 Next I x7 ¹⁴ toll-fr sues durir a 877-453-	novo On Busines ree supp ng the w	site Repa s Day (7 ort for wa	ir 8Y1553 arranty

See footnotes for important warranty information US models announced August 25, 2010

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IdeaCentre[™] A310 (4073) - Windows 7 (web only models)

Personal Systems Reference (PSREF)

Proc- Type-model essor		Max turbo (GHz)	Memory	Widescreen display		Camer (mega pixel)		SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Win7 Mouse preload	Avail date
4073-1GU i3-350 4073-1HU i5-450 4073-2FU i3-370	M 2.40	2.66	2GBx2	21.5" FHD 21.5" FHD 21.5" FHD 21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW DVD±RW	' 11b/g/n ²⁸ ' 11b/g/n 11b/g/n	TV TV		BT/BT Prem 6 BT/BT Prem 6 BT/BT Prem 6	4 Aug 10
	• (Sele • Lend	eted m ovo Re	odels) lı escue Sy	vith 21.5" F ntegrated T stem provi Microsoft	V tun des O	er neKey	recovery	without	t booting	into Wind	ows			
Processor	DMI (D Hyper- Intel Co DMI, in	irect M Thread ore i5 tegrate	ledia Inte ling techr processe ed DDR3		rated 3MB c with d ntrolle	DDR3 ache o ual-co r r (up to	memory o ^{or} re , o 1066MH	controller z),	(up to 10	66MHz),	- Ge Ho Prelo listed)	nuine Wir me Premi aded app	ium 64 plications ¹⁴ (onl	
DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache Memory 4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets External DVD±RW Some: USB 2.0 external DVD burner, tray-in											 Driv McA 	ver and Ap Afee® Viru	Key Recovery oplication Install sScan® Plus irus definitions)	ation
Memory 4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets External DVD±RW Some: USB 2.0 external DVD burner, tray-in SATA disk 320GB or 500GB, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Widescreen display 21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone Touch-sensitive buttons for Menu/OK button and Direction buttons Graphics Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant									screen	 Cyb Win Mici pure 	erĹink Yo dows Live rosoft Offi chase pro		/ate	
Graphics Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant Chipset Mobile Intel HM55 Express Chipset Multicard reader 7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD) Ports <i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out Side: Two USB 2.0											-			
Ports Rear: Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out Side: Two USB 2.0 PCIe Mini Card 11b/g/n ²⁸ Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® BCM43225 TV tuner Bluetooth® Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator Modem None Ethernet Gigabit ethernet on planar, Realtek® RTL8111DL Audio support High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm) Security Power-on password, supervisor password, security lockhole Keyboard Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white											RoHS ⇒ 1-y ⇒ Cu pa set 8 a	vear parts istomer R rts only (v rvice for s im - 5 pm)	ited Warranty ¹ and labor eplaceable Unit with limited ons selected parts ³ ,	
Keyboard Mouse Remote control	curity Power-on password, supervisor password, security lockhole board Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white use Wireless laser mouse via Bluetooth, white note control Some: MCE remote control, via IR											eligible i 2-year Ler 9x5 Next B	rade options ocations): ⁹ novo Onsite Rep Business Day	(78Y155
Dimensions ³ Weight ² Chassis View adjustments	Screen 15.9 lb White c	<i>depth.</i> (7.2 kg olor, A	: 0), weight BS plasti		m y conf	,		96mm x	207mm		• 3 9 ≈ 24 iss	3-year Ler 9x5 Next E x7 ¹⁴ toll-fr	novo Onsite Řep Business Day ree support for v ng the warranty	b air (78Y155) varranty

See footnotes for important warranty information IS US model announced March 9, 2011; previous models on August 25, 2010

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Lenovo IdeaCentre A600 (Remote control and wireless keyboard/mouse on select models)



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600 (Remote control and wireless keyboard/mouse on select models)



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600

IdeaCentre™ A600 (3011)

	Comerce Mini DOle	
Proc- Type-model essor		te Micro- Blue- KBD/ Vista Avail ol phone tooth Mouse preload date
3011-2BU T4200 3011-2CU T4200 3011-3AU T6400 3011-3CU T6400 3011-4AU P7450 3011-4BU P7450 3011-3DU T6400	 2.00 2GB 21.5" WUXGA 1.3 GMA 320GB[®] DVD±RW 11b/g²⁸ 2.00 3GB 21.5" WUXGA 1.3 GMA 500GB DVD±RW Intel 5100 2.00 4GB 21.5" WUXGA 1.3 GMA 640GB DVD±RW Intel 5100 2.00 3GB 21.5" WUXGA 1.3 GMA 640GB DVD±RW * Intel 5100 2.00 4GB 21.5" WUXGA 2.0 HD 3650 1TB DVD±RW * Intel 5100 TV Remoted and the state intel 5100 TV Remoted and the state intel 5100 TV 4-in-1 2.13 4GB 21.5" WUXGA 2.0 HD 3650 1TB BD player ÷ Intel 5100 TV 4-in-1 2.00 3GB 21.5" WUXGA 2.0 HD 3650 640GB DVD±RW * Intel 5100 TV 4-in-1 2.00 4GB 21.5" WUXGA 2.0 HD 3650 640GB DVD±RW * Intel 5100 TV 4-in-1 2.00 4GB 21.5" WUXGA 2.0 HD 3650 640GB DVD±RW * Intel 5100 TV 4-in-1 4.11-In-One design with 21.5" Full HD 16:9 widescreen, glossy display (Seleted models) Integrated TV tuner (Seleted models) 4-in-1 remote control acts as a motion game controller (require game support), VOIP handset, Vista Media Center remote and air mouse Integrated camera and Lenovo's VeriFace face recognition software helps contaccess to your notebook by recognizing your face Dolby" Home Theater™ premium audio system with two speakers and one subten of the state of the stat	Mono Wireless Prem 32 Apr 09 Array Blue Wireless Prem 64 Apr 09 <i>ires</i> <i>trol</i>
Processor	Intel [®] Pentium [®] processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core [™] 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7450 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	 Preloaded operating system²⁰ Some: Genuine Windows[®] Vista[®] Home Premium 32 Some: Genuine Windows Vista Home Premium 64 ♦ Vista Premium logo
Memory	2GB , 3GB , or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available <i>Non-italics:</i> standard memory in one socket; one socket available	 Preloaded applications¹⁴ Lenovo[®] OneKey Recovery Driver and Application Installation Lenovo Recovery Disk Maker
SATA DVD±RW SATA Blu-ray™ SATA disk	 Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in Some: Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in 320GB, 500GB, 640GB, or 1TB, SATA 3.0Gb/s, 3.5" wide, 7200 rpm 	Lenovo Healthcáre Software VeriFace™ Media Show Trend Micro™ PC-cillin™ Internet Coopute 2000
Widescreen display Camera Controls	 21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen Some: camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone Some: camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject 	 Security 2008 Windows Live™ Toolbar Microsoft® Office 2007 Trial (60-day) Cyberlink Power2Go (DVD±RW, BD player) Corel® WinDVD® (BD player)
Graphics	Some: Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), integrated graphics in GM45, uses main memory, DirectX® 10 Some: ATI™ Mobility Radeon™ HD 3650, PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD	
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)	
Multicard reader Ports	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO [™] , Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card [™]) <i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)	
Mini PCI Express Intel 5100 ²⁸ 11b/g ²⁸ TV tuner	Two Mini PCI Express slots Some: 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak Some: 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom [®] BCM4312 Some: AverMedia [®] Hybrid tuner, support analog and digital signal, Mini PCIe adapter	Available at these retailers • lenovo.com • Fry's
Bluetooth™ Modem Ethernet Audio support	Some: Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet on planar, Broadcom BCM5784 High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm),	Some: 130-watt (GMA graphics) AC adapter Some: 150-watt (ATI graphics) AC adapter RoHS-compliant
Security	headphone jack (3.5 mm) Power-on password, hard disk password, supervisor password	Limited Warranty ¹²
Keyboard Mouse Remote control	 Some: Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys Some: USB full-size keyboard with USB hub (two USB ports) Some: Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) Some: USB Optical Wheel Mouse Some: Vista MCE remote control (40-button), via IR Some: 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation) 	 I-year parts and labor Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) Service upgrade options (in eligible locations):⁹ 3-year Lenovo Onsite Repair
Dimensions ³ Weight ² Chassis Stand	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm 27.7 lb (12.6 kg) Black color, ABS plastic Tilt stand (15° back, 5° forward)	9x5 Next Business Day (78Y1553 ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686

See footnotes for important warranty information ^{IIII} US models announced April 22, 2009; previous models on April 07, 2009

* Intel Centrino® processor technology .: Intel Centrino 2 processor technology

IdeaCentre™ A600 (3011) - September 2009

Pr Type-model es	oc- sor GHz	Memory	Widescre display			SATA disk	SATA optical	Mini PCle 802.11 wireless		Remote control			KBD/ Mouse	Vista preload	Avail date
	500 2.10	4GB 4GB	21.5" WU 21.5" WU	XGA 2.0 XGA 2.0	HD 4650 HD 4650	500GB 640GB		* Intel 510	0 TV 0 TV	4-in-1	Array	Blue Blue	Wireless	Prem 64 Prem 64 Prem 64 Prem 64	Sep 0 Sep 0
	 (Sel gam Integace Doll Len 	eted m leted m ne supp grated ess to y by® Hou ovo Re	odels) In odels) 4- oort), VOI camera a your note me Theat	tegrated in-1 rem P handse nd Lenc book by er™ pren tem pro	TV tuner ote contro et, Vista M vo's VeriF recognizi nium audi	el acts as edia Cel ace face ing your o syster	escreen, g s a motion nter remot e recogniti face n with two overy and	game con e and air n on softwai speakers	troller nouse re help and or	os contro ne subw	ol oofer				
Processor	800MI Intel C	Iz syste	em bus, a Duo proc	nd 2MB L essor P7	T6500 wit 2 cache o 350 with d n bus, and	r ual-core	Э,			-	Genu Hom	iine Ŵ e Prei	perating Vindows [®] mium 64 nium logo		
Memory		hannel	capable, i	wo 204-p	in SO-DIN	1M socke	non-parity, ets; sockets ava	ilable		F	Leno	vo® Ö	pplication neKey Re Application		ation
SATA DVD±RV SATA Blu-ray™ SATA disk	Some.	Blu-ra	y Disc re ack, DVD	ader (no recordab	Blu-ray me	dia burn ovable,	emovable, ing), BD-R(12.7mm hig 7200 rpm	DM, no HD		•	Leno	vo He ace™	althcare	isk Maker Software	
Widescreen display Camera	21.5 " CCFL <i>Some.</i>	(546.1n backlig came came	nm) WUX ht, 300 ni ra on top	GA (1920 s, 16:9 a of screer of screer	x1080) TF spect ratio , 1.3-meg , 2.0-meg	T color , , 1000:1 apixel, fix	VibrantVie contrast ra (ed focus, v	tio, framele	ess sc		Secu Wind Micro Cybe	rity 20 ows L soft® rlink I	008 ₋ive™ Too Office 20 Power2Go	illin™ Inte Ibar 07 Trial (6 o (DVD±R	60-day)
Controls Graphics	Some.	sensitiv Intel integr ATI™	ve buttons Graphics rated grap	for brigh Media A hics in G Radeon	tness, dis ccelerato M45, uses ™ HD 465	r 4500M main m	ff, and option HD (GMA emory, Direct xpress [®] x16	4500MHD) ctX® 10				layer) I® Win	DVD® (BI	D player)	
Chipset Multicard reade Ports	ICH9N ethern 6-in-1 Secure <i>Rear:</i>	e Intel (1 I/O Co et MAC reader e Digita Four U	GM45 Ex ontroller H) (MultiMed I Card, Se SB 2.0, e	bress Ch ub (SATA lia Card, ecure Dig hernet (F	ipset (Gra 3.0Gb/s, Memory S ital Elite P 8J-45), TV	ÚSB 2.0 tick, Mer ro Card, antenna	emory Con , PCI Expre nory Stick I xD-Picture connector	ess 1.1, PĆ PRO™, Card™) on some m	í 2.3, iodels;	ndard)					
Mini PCI Expre Intel 5100 ²⁸ TV tuner Bluetooth™ Modem Ethernet Audio support	11a/b/ Some Some None Gigabi High E	g/n wire AverN Blueto	eless⁴, Mir /ledia® Hy poth 2.1 w net on pla n (HD) Au	ii PCIe ad brid tune ireless + nar, Broa dio, Real	r, support a EDR, USI dcom BCN Tek® ALC2	analog a 3 2.0 inte 15784 272 code	nk 5100, 1) nd digital s erface via I(ec / y Home Th	gnal, Mini I CH9M, LED	PCIe a indica	dapter tor	lenov Some: Some:	o.con 130-v adap 150-v adap	watt (GMA ter watt (ATI g ter	lers A graphics graphics) A	,
Security Keyboard	mono headp Power	microph hone ja -on pas	none or d ck (3.5 m sword, ha	ual array m) Ird disk p	microphon assword, s	e, microj superviso	phone inpup phone inpup pr password pad, 6-row	t jack (3.5 r I				Lir ar par	nited Wa ts and lab	or	
Vouse Remote contro Dimensions ³ Veight ²	Some. Some. Some. Some. * Mot (WxH)	touch USB Wire USB Vista Vista 4-in-1 game ion gam	n-sensitive full-size I less RF 2 Optical V MCE rem remote c es* suppo nes CD in 47" x 18.2	e multime eyboard 4 GHz L /heel Mo ote contr ontrol, vi t), VOIP cluded in	dia keys a with USB aser Whee use ol (40-butt a bluetootl headset, V 4-in-1 ren	nd short nub (two I Mouse on), via n, acts as ista MCI note cont	cut keys USB ports , 800/1600) dpi (user s me control ontrol, and (requires ir	ler (rec air moi nstallat	ple) Juires Jse Jon)	parts servi 8 am exclu day r Serv (in el • 3-y 9x 24x7	s only ice for - 5 pr uding respo- ice up igible year L 5 Nex ¹⁴ toll-	(with limit r selected m, Mon - I holidays, nse time) ograde op e locations enovo On t Busines free supp	Fri covera next busi tions	e iness iiness iir '8Y155 arranty

See footnotes for important warranty information US models announced September 10, 2009

★ Intel Centrino[®] processor technology ∴ Intel Centrino 2 processor technology

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IdeaCentre™ A600 (3011) - Windows 7

Proc Type-model esso		Widescreen Memory display	Camera (mega- pixel) Graphics	SATA disk	SATA optical	Mini PCle 802.11 wireless		Remote r control				Win7 preload	Avail date
3011-6DU T430 3011-CGU T660 3011-CJU T660 3011-CJU T660 3011-CKU T660	0 2.10 0 2.20 0 2.20 0 2.20 0 2.20	2GB 21.5" WUXGA 4GB 21.5" WUXGA 4GB 21.5" WUXGA 3GB 21.5" WUXGA 4GB 21.5" WUXGA 4GB 21.5" WUXGA	A 2.0 HD 4650 A 2.0 HD 4650 A 2.0 HD 4650 A 2.0 HD 4650 A 2.0 HD 4650	320GB 640GB 500GB 500GB	DVD±RW DVD±RW	 Intel 510 Intel 510 	TV 0 TV 0 TV 0 TV	′4-in-1 ′Remot ′Remot	Array e Array e Array	Blue Blue Blue Blue	Wireless USB Wireless		Oct 09 Oct 09 Oct 09 Oct 09
	 (Se (Se ga Do 	l-In-One design with eleted models) Integ eleted models) 4-in- me support), VOIP i novo Rescue Syste	grated TV tuner 1 remote contro nandset, Vista M ™ premium audi	ol acts a ledia Ce o syste	as a motion enter remot em with two	game con e and air i speakers	r nouse and o	ne subv	voofer				
Processor	800M Intel 800M Intel	[®] Pentium[®] Process IHz system bus, and Core™ 2 Duo proce IHz system bus, and Core 2 Duo process HD Boost, 1066MHz	1MB L2 cache o ssor T6600 with 2MB L2 cache o sor P7550 with d	r dual-co r ual-cor	ore, re,				- Genu Hom Preload	uine Ŵ e Prer ded ap	/indows [®] nium 64 oplicatior	าร ¹⁴ (only	some
Memory	2GB, dual-o	3GB , or 4GB std / 4 channel capable, two <i>italics:</i> standard men	GB max ⁷ / PC3-8 204-pin SO-DIM	500 10 IM sock et; one s	66MHz DDR ets; socket availa	ble	ity,		LencMediMcA	ovo He ia Sho fee Vir	neKey Re althcare w usScan® f virus de	Software Plus	
SATA DVD±RW SATA Blu-ray™ SATA disk	Some	e: DVD burner, dual- e: Blu-ray Disc reade playback, DVD rec B, 500GB, 640GB, d	er (no Blu-ray me cordable, not rem	dia burr ovable,	ning), BD-RO 12.7mm hig	DM, no ĤD h, slot-in			BD p	layer)	Power2Go DVD® (Bl	o (DVD±R O player)	W,
Widescreen display Camera Controls	CCFL Some Some	(546.1mm) WUXGA backlight, 300 nits, camera on top of camera on top of with dual array mi n-sensitive buttons fo	16:9 aspect ratio screen, 1.3-mega screen, 2.0-mega crophone	, 1000:1 apixel, fi apixel, fi	contrast raticed focus, with the focus, with the focus,	tio, framel e vith mono r	ess sc nicrop	hone					
Graphics	Some	 E: Intel Graphics M integrated graphic E: ATI[™] Mobility Ra DirectX[®] 10, ATI A 	edia Accelerato s in GM45, uses adeon™ HD 4650	r 4500N main m	HD (GMA 4 nemory, Dire	1500MHD) ctX [®] 10	,						
Chipset	ICH9	le Intel GM45 Expre M I/O Controller Hub net MAC)											
Multicard reader Ports	Secu <i>Rear:</i>	l reader (MultiMedia re Digital Card, Secu : Four USB 2.0, ethe Two USB 2.0, IEEE	re Digital Elité Pr rnet (RJ-45), TV	o Card, antenna	xD-Picture a connector	Card™) on some m							
Mini PCI Express Intel 5100 ²⁸ 11b/g ¹¹ TV tuner	Some Some Some	Mini PCI Express slot e: 11a/b/g/n wireless e: 11b/g wireless⁴, M e: AverMedia® Hybrid	⁴ , Mini PCIe adar ini PCIe adapter d tuner, support a	Broado	com [®] BCM4 and digital si	312 gnal, Mini I	PCle a	dapter	Some:	130-w	vatt (GMA	A graphics) AC
Bluetooth™ Modem Ethernet Audio support	None Gigat High	e: Bluetooth 2.1 wire bit ethernet on planar Definition (HD) Audic peakers (3 watt) and	, Broadcom BCN , RealTek® ALC2	15784 272 cod	ec /			ator		adapt 150-w adapt	er vatt (ATI g er	graphics) /	,
Security	head	microphone or dual phone jack (3.5 mm) r-on password, hard					nm), [*]			ar part	nited War	or	
Keyboard Mouse Remote control	Some Some Some Some Some	e: Wireless RF 2.4 (touch-sensitive m e: USB full-size key e: Wireless RF 2.4 (e: USB Optical Whe e: MCE remote cont e: 4-in-1 remote con games support), \	ble)	part: serv 8 am excl day ⇒ Serv (in e	s only ice for 1 - 5 pn uding l respor rice up ligible	(with limit selected n, Mon - I holidays, nse time) grade op locations	Fri covera next busi tions s): ⁹	ge ness					
Dimensions ³ Weight ² Chassis Stand	27.7 l Black	<i>(xD):</i> 20.47" x 18.22" b (12.6 kg) color, ABS plastic and (15° back, 5° for	x 1.06" to 2.36";						9x ≈ 24x7 issu	5 Next ¹⁴ toll- es dur	Busines	site Repa s Day (7 oort for wa arranty p	8Y1553 arranty

See footnotes for important warranty information US models announced October 23, 2009

★ Intel Centrino[®] processor technology ∴ Intel Centrino 2 processor technology © Lenovo (BL1-3) October 2009

ideacentre



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700 with optional 3-in-1 mouse



Lenovo IdeaCentre A700 with optional 3-in-1 mouse



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700

IdeaCentre™ A700 (4024) - Windows 7

Type-modelProces	Max turbo sor GHz (GHz		Multi- Touch screen Graph	SATA ics disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Wall r mount kit	Win7 preload	Avail date		
4024-3AU i3-350 4024-1AU i7-720 4024-4AU i3-370 4024-4BU i5-460 4024-4CU i7-740 4024-5EU i5-480 4024-5FU i3-380	QM 1.60 2.80 M 2.40 M 2.53 2.80 QM 1.73 2.93 M 2.66 2.93	4GB 23" FHD 4GB 23" FHD 4GB 23" FHD	Multi Intel H Multi HD 56 Multi Intel H Multi HD 54 Multi HD 56 Multi HD 56 Multi Intel H	50 1TB D 320GB 70 500GB 50 1TB 50 1TB	DVD±RW DVD±RW DVD±RW DVD±RW DVD±RW	11b/g/n 11b/g/n 11b/g/n 11b/g/n 11b/g/n	Hybrid Hybrid Hybrid Hybrid ATSC	Remote Remote Remote Remote Remote	150W 150W 150W 150W 150W	Mount kit Mount kit Mount kit Mount kit	Prem 64 Prem 64 Prem 64	Jun 10 Aug 10 Aug 10 Aug 10 Mar 11		
	 Integrated Lenovo Re JBL stered 	scue System pro	vides OneKey	recovery	without b	ooting int	o Windo	ows						
Processor	 DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core 15 processor i5-460M or i5-480M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or Intel Core 17 processor i7-720QM or i7-740QM with quad-core, DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache 4GB std / 8GB max⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; Italics: standard memory in both sockets; no sockets available Genuine Windows[®] 7 Home Premium 64 Preloaded applications¹⁴ (o listed) Lenovo[®] Rescue System Diver and Application Inst CyberLink YouCam McAfee[®] Virus Scan[®] Plus (60 days of virus definition Lenovo Dynamic Brightnes Lenovo Eye Distance Syst 													
Memory	dual-channel Italics: s	capable, two 204-p tandard memory ir	oin SO-DIMM so both sockets;	ockets; no sockets	available			(6 • Le • Le	0 days o enovo Dy enovo Ey	of virus def ynamic Bri ye Distanc	initions) ghtness S e System			
SATA DVD±RW SATA disk Widescreen display Camera Controls	320GB, 500G 23" (584.2mm LED backligh Camera on to Touch-sensitiv	Iual-layer support, B , or 1TB , SATA 3 I) Full HD (WUXG It, 250 nits, 16:9 a: p of screen, 0.3-m re buttons for LED node switch (PC /	A 1920x1080) Spect ratio, 100 egapixel, fixed light on/off, vo	pm, 3.5" w TFT color 00:1 contra focus, with ume up/do	ide , VibrantVi st ratio microphor own, brightr	ne ness up/do		• Le - - - - W • W	enovo Id PowerC Lenovo AutoCol indows icrosoft®	eaTouch (⁻	Touch mo n ntials 07 Trial (6	dels) 0-day)		
Graphics	Some: ATI™ Some: ATIN	HD Graphics in pr Mobility Radeon ¹ Iobility Radeon H	M HD 5470, 51 D 5650, 1GB r	2MB mem	ory, Direct)	K® 11;				product ke				
Chipset Multicard reader Ports	5-in-1 reader Secure Digita <i>Rear:</i> Four US <i>Side:</i> Two US IEEE 1	Card, SDHC) SB 2.0, ethernet (F B 2.0, eSATA, mid 394 FireWire 400 (Memory Stick, RJ-45), TV tune crophone (3.5 <u>4-pin connect</u>	er connecto mm), head	or, S/PDIF o	out, HDMI	in/out	Som ENE	<i>e:</i> 150- RGY® S	watt AC ac TAR 5.0-co	lapter			
Secure Digital Card, SDHC)														
Keyboard Mouse Remote control Dimensions ³ Weight ² Chassis Stand Wall mount	Bluetooth Opt MCE remote of (WxHxD): 22. Touch models Black color; A Adjustable sta	4" x 16.9" x 2.8"; 5 32.6 lb (14.8kg)	black 68mm x 430m nd 35°)	m x 71mm				(iı • • 24 is	n eligible 2-year L 9x5 Nex 3-year L 9x5 Nex Ix7 ¹⁴ toll	pgrade op e locations _enovo On ct Business _enovo On ct Business l-free supp ring the w 53-6686	s): ⁹ site Repa s Day (74 site Repa s Day (74 ort for wa	8Y1552 ir 8Y1553 arranty		

See footnotes for important warranty information IS US models announced March 9, 2011; previous models on June 3 or August 25, 2010

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IdeaCentre[™] A700 (4024) - Windows 7 (web only models)

Type-modelProces	Max turbo sor GHz (GHz)	Widescreen Memory display		Graphics	SATA disk	SATA optical	PCle Mini Card 802.11	тν	Remote control		Keyboard/ Mouse	Win7 preload	Avail date
4024-3BU i3-350 4024-2BU i5-430 4024-1CU i7-720 4024-4JU i7-740	M 2.26 2.53 QM 1.60 2.80	8GB 23" FHD	Multi Multi		640GB 1TB	⁵ DVD±RW DVD±RW BD player BD player	11b/g/n 11b/g/n	TV TV	IR remote 4-in-1	e 150W 150W	BT/BT	Prem 64 Prem 64 Prem 64 Prem 64	Jun 10 Jun 10
	 Integrated Lenovo[®] Re (Seleted methods) 	escue System pro odels) 4-in-1 rem ort), VOIP handse	ovides ote cor	OneKey r htrol acts	ecovery as a mo	v without l	booting i e control	nto W ler (re					
Processor	DMI (Direct M Hyper-Thread Intel Core i5 p DMI, integrate Intel Turbo Boo Intel Core i7 p DMI, integrate	3 processor i3-36 edia Interface), inte ng technology, and processor i5-430M d DDR3 memory c ost, Hyper-Threadi processor i7-7200 d DDR3 memory c ost, Hyper-Threadi	egrated d 3MB (l with c controlle ng tech M or in controlle	DDR3 me cache or lual-core , er (up to 1 inology, ar 7-740QM er (up to 1	emory co 066MHz nd 3MB with qua 333MHz), cache or i d-core ,	p to 1066	SMHz)	, - Ge Ho listed • Le • Dr • Cy	enuine V me Pre aded aj) novo® R iver and berLink	perating s Vindows [®] mium 64 pplication Rescue Sys Application YouCam	7 n s 14 (only s stem on Installa	
Memory	4GB or 8GB s dual-channel of	td / 8GB max ⁷ / PC capable, two 204-p andard memory in	3-1060 in SO-I	0 1333MI DIMM soc	Hz DDR: kets;	3 , non-pari	ty,		(60 • Le) days o novo Dy	/irusScan® of virus def /namic Bri /e Distance	initions) ghtness S	
SATA DVD±RW SATA Blu-ray™ SATA disk	Some: Blu-ray playba	urner, dual-layer s / disc reader (no B ck, DVD recordabl B , or 1TB , SATA 3	lu-ray i e, not r	nedia bur emovable	ning), B[, 12.7mr	D-ROM, no n high, slot)	• Cy BD • Co	berlink) player) orel® Wir	Power2Go) (DVD±R)) player)	W,
Widescreen display Camera Controls	23" (584.2mm LED backligh Camera on top Touch-sensitiv) Full HD (WUXG t, 250 nits, 16:9 as o of screen, 0.3-me e buttons for LED node switch (PC / I	A 1920: pect ra egapixe light on	x1080) TF tio, 1000: I, fixed foc /off, volum	T color , 1 contrast cus, with ne up/do	VibrantVi st ratio microphor wn, brightr	ne ness up/d		- F - L - A • Wi	PowerCi Lenovo \ AutoColl ndows [ntial	,
Graphics	Some: ATI™	ID Graphics in pro Mobility Radeon™ obility Radeon HI	4 HD 54	470, 512M	IB memo	ory, Directλ	K ® 11;						
Chipset Multicard reader Ports	5-in-1 reader (Secure Digital <i>Rear:</i> Four US <i>Side:</i> Two US	IM55 Express Chi MultiMedia Card, I Card, SDHC) B 2.0, ethernet (R B 2.0, eSATA, mic 394 FireWire 400 (A	J-45), rophor	FV tuner c le (3.5 mm	onnecto	r, S/PDIF o	out, HDM	l in/ou	Some	e: 150-\	watt AC ac	lapter	
PCIe Mini Card 11b/g/n² ⁸ TV tuner Bluetooth™ Modem Ethernet Audio support Security	Two PCI Expre 11b/g/n wirele Hybrid tuner, s Bluetooth 2.1 None Gigabit ethern High Definitior Dolby® Home	et on planar, Intel a (HD) Audio, Real (HD) Audio, Real Sword, administrate	pter, Bi I digital 82577L Tek® Al JBL st	coadcom® signal, PC C272 coo ereo spea	Cle ['] Mini lec /	Card	p		RoHS	E-compli Lin year par istomer irts only rvice fo am - 5 p	mited War ts and lab Replacea (with limi r selected m, Mon - F	ranty ¹² or ble Unit ((ted onsite parts ³ , ri coverag	e ´ ge
Keyboard Mouse Remote control	Bluetooth full-s Bluetooth Opti Some: MCE Some: 4-in-1	size keyboard, 6-rc cal Wheel Mouse, emote control, via remote control, via support), VOIP he	w, 104 black IR a bluetc	-key, black both, acts	as motio			require	es da ⇔ Se (in	y respo rvice up eligible 2-year L	holidays, nse time) ograde op locations enovo On t Busines	tions s): ⁹ site Repa	ir
Dimensions ³ Weight ² Chassis Stand Wall mount	<i>Touch models:</i> Black color; Al Adjustable sta	" x 16.9" x 2.8"; 56 32.6 lb (14.8kg) 3S plastic nd (between 12° a meets VESA 100	าd 35°)						• ⇒ 24 iss	3-year L 9x5 Nex x7 ¹⁴ toll	enovo On t Busines free supp ring the wa	site Repai s Day (78 ort for wa	ir 8Y1553) Irranty

See footnotes for important warranty information IS model announced October 22, 2010, previous models on April 07, 2009

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Lenovo IdeaCentre B305 with optional bluetooth keyboard and mouse



Lenovo IdeaCentre B305 AV IN and TV IN on some models



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305 with optional PS/2 keyboard and USB mouse



Lenovo IdeaCentre B305

IdeaCentre™ B305 (4031) - Windows 7

Type-model F	Processor	Wideso GHz Memory displ	Multi- reen Touch ay screen	Graphics	SATA disk	SATA optical	PCle Mini Card 802.11		Remote control	Keyboard/ Mouse	Win7 preload	Avail date
4031-3BU Athlo 4031-1GU Athlo 4031-1HU Athlo	on II X2 235e on II X3 400e on II X4 600e	2.70 4GB 21.5" 2.70 4GB 21.5" 2.20 4GB 21.5" 2.20 4GB 21.5" 2.70 4GB 21.5" 2.70 4GB 21.5"	FHD <i>Multi</i> FHD <i>Multi</i> FHD <i>Multi</i>	3000 HD 5450 HD 5450	1TB 640GB	DVD±RW DVD±RW DVD±RW DVD±RW DVD±RW	11b/g/n 11b/g/n		R remote R remote		Prem 64 Prem 64 Prem 64 Prem 64 Prem 64	Aug 10 Jun 10 Jun 10
	(Seleted)Lenovo	ne design with 21 d models) Integrat Rescue System p systems are Micros	ed TV tune rovides Or	r IeKey reco	overy wi	thout boot	ing into W		'S			
Processor	4000MHz I AMD64 teo AMD Athle 4000MHz I AMD64 teo	Ion [™] II X2 Process HyperTransport [™] B ch, int DDR3 memo on II X3 Processor HyperTransport Bus ch, int DDR3 memo on II X4 Processor	us, AMD Vi ry controller 400e with t s, AMD Virtu ry controller	rtualization r, and 2MB t riple-core Jalization (J r, and 1.5N	™ (AMD L2 cach , AMD-V) IB L2 ca	e (1MB pei technology	core) or	- P	Genuine Home P Preloaded sted) Lenovo®	I operating e Windows® Premium 64 I applicatio	[∞] 7 [¯] ons¹⁴ (only ystem	some
Memory	4000MHz I AMD64 teo 4GB std / 4	HyperTransport Bus ch, int DDR3 memo 4GB max ⁷ / PC3-10 nel capable, two 204	s, AMD Virtu ry controlle 600 1333M	ualization (r, and 2MB Hz DDR3 ,	AMD-V) L2 cach non-pari	e (512KB p			CyberLi McAfee (60 days	nd Applicat nk YouCam VirusScar s of virus de Dynamic B	n [®] Plus efinitions)	
SATA DVD±RW SATA disk	DVD burne	standard memory er, dual-layer suppo IOGB, or 1TB, SATA	rt, fixed, not	removable	e, tray-in				Lenovo Cyberlir	Eye Distan k Power2G IdeaTouch	ce System io (DVD±F	RW)
Widescreen display Camera Controls Graphics	21.5 " (546 LED backl Camera or Buttons for	.1mm) Full HD (WU light, 250 nits, 16:9 n top of screen, 0.3- r brightness up, brig I™ Radeon™ 3000	JXGA 1920 aspect ratio megapixel, htness dow	x1080) TF o, 1000:1 c fixed focus m, display	T color , ontrast r s, with m on/off, a	VibrantVie atio crophone nd power of	n/off	•	 Power Lenov AutoC Window Microsof 	rCinema vo VeriTouch collage Touc vs Live Esse t® Office 20	n ch ential 10 preload	jed;
Graphics	Dii Some: AT	rectX [®] 10; I Radeon HD 5450 rectX 11, ATI Avivo ¹	, PCI Expre	0			nemory,		purchase	e product ke	ey to active	ale
Chipset	AMD 7600 SB710 sou	G Chipset with Hype	erTransport				ort;					
Multicard reader Ports	Secure Dig <i>Rear:</i> Four mod <i>Side:</i> Two	ler (MultiMedia Card gital Card, SDHC) r USB 2.0, ethernet lels, IEEE 1394 Fire USB 2.0, micropho	(RJ-45), ke Wire 400 (4 one input jac	yboard (P 4-pin conne	S/2), TV ector)	tuner conne			Discrete m	<i>models:</i> 12 <i>odels:</i> 13 STAR 5.0-0 ppliant	0-watt AC	adaptei adaptei
PCIe Mini Card 11b/g/n² ⁸ TV tuner Bluetooth™ Modem Ethernet Audio support Security	11b/g/n wir Some: Hy Bluetooth 2 None 10/100 eth High Defini stereo spe	xpress Mini Card sl reless ⁴ , PCIe Mini C brid tuner, support 2.1 wireless + EDR ernet on planar, Re ition (HD) Audio, Re akers (3 watt x 2) password, administr	Card, Broad analog and alTek® RTL ealTek ALC2	digital sigr 8103EL 272 codec	al, PCle			4	 1-year p Custom parts or service 8 am - 5 excludit 	Limited Wa parts and la ner Replace nly (with lin for selecte pm, Mon - ng holidays	bor able Unit (nited onsit d parts ³ , Fri covera s, next bus	e
Keyboard Mouse	Some: Blu Some: Fu Some: Blu Some: Op	uetooth full-size key Ill-size keyboard (P uetooth Optical Whe ptical Wheel Mouse	/board, 6-ro S/2 connect eel Mouse, (USB conn	w, 104-key or), Fn key black	s, black			-	 Service (in eligi 2-yea 	ponse time upgrade o ble locatior r Lenovo O lext Busine	ptions s):º nsite Repa	
Remote control Dimensions ³ Weight ² Chassis Stand	(WxHxD): 1 Touch mod Black color	CE remote control, 20.7" x 16.0" x 4.37 <i>lels:</i> 24.7 lb (11.2 r; ABS plastic stand (between 15	'"; 526mm x ‹g)	407mm x	111mm			~	 3-yea 9x5 N 24x7¹⁴ t issues 	r Lenovo O lext Busine oll-free sup during the v -453-6686	nsite Repa ss Day (7 port for wa	air 78Y1553 arranty

See footnotes for important warranty information IS model announced March 23, 2011; previous models on June 3 or August 25, 2010

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IdeaCentre[™] B305 (4031) - Windows 7 (web only models)

Personal Systems Reference (PSREF)

Type-model	Processor	GHz M	Widescreen emory display		Graphics	SATA disk	SATA optical	PCle Mini Card 802.11		Remote control	Keyboard/ Mouse	Win7 preload	Avail date
4031-1QU At	hlon II X2 235e hlon II X3 400e hlon II X4 600e	2.20	4GB 21.5" FHD) Multi	HD 5450	500GB	DVD±RW	11b/g/n				Prem 64	Jun 10
	 (Seleted 	d mode	ign with 21.5" ls) Integrated 1 ue System prov	V tune	r					ows			
Processor	4000MHz AMD64 teo AMD Athle 4000MHz AMD64 teo AMD Athle 4000MHz	HyperTr ch, int D on II X3 HyperTr ch, int D on II X4 HyperTr	X2 Processor 3 ansport [™] Bus, 7 DR3 memory c Processor 400 ansport Bus, Al DR3 memory c Processor 600 ansport Bus, Al DR3 memory c	AMD Vi ontrolle De with t MD Virtu ontrolle De with o MD Virtu	rtualization r, and 2MB r iple-core Jalization (. r, and 1.5M quad-core Jalization (.	™ (AMD L2 cach AMD-V) IB L2 ca AMD-V)	e (1MB per technology che (512KE technology	r core) or , 3 per core) ,	or	 Genuine Home F Preloaded listed) Lenovo[®] Driver a CyberLi 	l operating e Windows [®] Premium 64 I applicatic ® Rescue S ind Applicat nk YouCam	9 7 9 ns ¹⁴ (only ystem ion Installa	some
Memory	dual-chanr Italics: Non-italics	stand stand	4GB max ⁷ / PC3 ble, two 204-pir ard memory in b ard memory in c	oth soc	MM socket kets; no so ket; one so	ts; ockets av cket ava	vailable;	,		(60 daysLenovoLenovoCyberlir	VirusScar s of virus de Dynamic B Eye Distan N Power2G	efinitions) rightness S ce System io (DVD±R	W)
SATA DVD±R\ SATA disk Widescreen display Camera Controls	320GB, 50 21.5" (546 LED back Camera or	0GB, o .1mm) I light, 28 n top of	layer support, fiz r 640GB , SATA Full HD (WUXG 50 nits, 16:9 asp screen, 0.3-meg ness up, brightne	3.0Gb/s A 1920 ect rational gapixel,	s, 7200 rpn x1080) TF o, 1000:1 c fixed focus	n, 3.5" w T color , contrast r s, with m	VibrantVie atio icrophone	(0),	,	 Power Lenov AutoC Window 	IdeaTouch rCinema /o VeriTouch Collage Touc /s Live Esse oft® Office 2	n ch ential	,
Graphics	ATI™ Rade ATI Avivo™	eon™ H ″HD	D 5450 , PCI Ex et with HyperTra	press®	x16, 512M	B memo	ry, DirectX®	[®] 11,					
Chipset Multicard read Ports	SB710 sou ler 5-in-1 read Secure Dig <i>Rear:</i> Fou mod	ıth brido ler (Mul gital Car r USB 2 lels, IEE	ge tiMedia Card, M d, SDHC) 0, ethernet (RJ EE 1394 FireWir	emory -45), ke e 400 (4	Stick, Merr yboard (Ps 4-pin conne	ory Stick S/2), TV ector)	k PRO™, tuner conne	ector on sc	me		<i>odels:</i> 13 STAR 5.0- pliant		adapte
PCIe Mini Car 11b/g/n ²⁸ TV tuner Bluetooth™ Modem Ethernet Audio support Security Keyboard Mouse Remote contro Dimensions ³ Weight ² Chassis Stand	d Two PCI E 11b/g/n wi Some: Hy None None 10/100 eth High Defin stereo spe Power-on p Full-size ke Optical Wr Some: Mo (WxHxD): Touch mod Black coloi	xpress reless ⁴ , brid tun ernet oi ition (Hi akers (3 basswor eyboard eel Mor CE rem 20.7" x <i>lels:</i> 2 r; ABS p	rd, administrator (PS/2 connector use (USB connector ote control, via I 16.0" x 4.37"; 52 4.7 lb (11.2kg)	, Broad log and k [®] RTL ek ALC r passw pr), Fn k ector), b R 26mm x	com® chip o digital sigr 8103EL 272 codec ord eys, black lack	or Athero ial, PCIe	os chip	3.5 mm)	_	 → 1-year p → Custom parts or service 8 am - 5 excludi day res → Service (in eligi • 2-yea 9x5 N • 3-yea 9x5 N → 24x7¹⁴ t issues 	Limited Wa barts and la her Replace nly (with lin for selecte 5 pm, Mon - ng holidays ponse time a upgrade o ble location or Lenovo O lext Busine r Lenovo O lext Busine oll-free sup during the v -453-6686	bor able Unit (nited onsit d parts ³ , Fri coveras s, next bus) ptions ns): ⁹ nsite Repa ss Day (7 port for wa	e iness iir '8Y1552 iir '8Y1553 arranty

See footnotes for important warranty information US models announced June 3, 2010

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Lenovo IdeaCentre B500 Bluetooth keyboard and mouse on some models



Lenovo IdeaCentre B500 AV IN and TV IN on some models



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500

IdeaCentre™ B510 (7712) - Windows 7 (web only models)

Personal Systems Reference (PSREF)

Proc- Type-model essor	Max turbo Widescreer GHz (GHz) Memory display	Camera (mega- pixel) Graphics	SATA disk	SATA optical	Mini PCle 802.11 wireless	ΤV	Remote r control	Key- board/ Mouse	Win7 preload	Avail date		
7712-1UU i7-870	3.20 2Gx2 23" FHD 3.20 3.46 2Gx3 23" FHD S 2.66 3.60 2Gx3 23" FHD S 2.66 3.60 2Gx4 23" FHD	0.3M HD5450 512MB 0.3M HD5570 1G 0.3M HD5850 1G 0.3M HD5570 1G	500GB ⁸ 1TB 2TB 2TB 2TB		11b/g/n 11b/g/n	ΤV	IR remote IR remote IR remote	BT/BT BT/BT	Prem 64	Sep 10 Sep 10		
	 All-In-One design with 23 (Seleted models) Integrat JBL[®] stereo speakers These systems are Micro 	ed TV tuner										
Processor	Intel [®] Core [™] i3 processor i3 Intel 64, Hyper-Threading Tec memory controller, and 4MB d Intel Core i5 processor i5-63 Intel 64, Hyper-Threading Tec 1333MHz dual-channel DDR3 Intel 64, Hyper-Threading Tec 1333MHz dual-channel DDR3 Processor in LGA1156 socke	hnology, integrated 1333 cache or 50 with dual-core , hnology, Turbo Boost Tec 8 memory controller, and 70S with quad-core , hnology, Turbo Boost Tec 8 memory controller, and	chnology, 4MB cac	TXT, integ the or TXT, integ	rated	- lis •	reloaded o Genuine V Home Pre reloaded a ted) Lenovo® F McAfee® V (60 days c Lenovo D	Vindows mium 64 pplication lescue S /irusSca f virus d	[®] 7 ↓ ons¹⁴ (only System n [®] Plus efinitions)	/ some		
Implementation Memory	4GB, 6GB, or 8GB std / 16GI dual-channel capable, four 20	•	 Cyberlink Power2Go (DVD±RV Windows Live Essential 									
SATA optical SATA disk Widescreen display Camera Controls	DVD burner, dual-layer suppo 500GB, 1TB, or 2TB, SATA 3 23.0" (584.2mm) Full HD (19 CCFL backlight, 300 nits, 16: Camera on top of screen, 0.3 Touch-sensitive buttons for LE display on/off	.0Gb/s, 3.5 th wide, 7200 r 20x1080 WUXGA) TFT c 9 aspect ratio, 1000:1 cor megapixel, fixed focus, v	olor, Vit ntrast rati with micro	o ophone		 CyberLink YouCam Microsoft Office 2010 preloaded; purchase product key to activate 						
Graphics	Some: ATI™ Radeon™ HD 5 Some: ATI Radeon HD 5570 Some: ATI Mobility Radeon	, PCI Express x16, 1GB										
Chipset Multicard reader Ports	Intel H55 Express Chipset 5-in-1 reader (MultiMedia Car Secure Digital Card, Secure D Rear: Four USB 2.0, etherner TV IN and AV IN on so	Digital Elite Pro Card) (RJ-45), keyboard (PS/2 me models;	2), eSATA	١,		RoHS-compliant						
PCIe Mini Card 11b/g/n ²⁸ TV tuner Bluetooth™ Modem Ethernet Audio support Security Keyboard Mouse Remote control Power supply Dimensions ³	11b/g/n ²⁸ 11b/g/n wireless ⁴ , PCle Half Mini Card adapter, Broadcom® or Atheros chip TV tuner Some: Hybrid tuner, support analog and digital signal, PCle Mini Card adapter Bluetooth™ Bluetooth 2.1 wireless + EDR None Gigabit ethernet on planar, Intel 82578DC High Definition (HD) Audio, Realtek® ALC662 codec / two JBL® stereo speakers (5 watt) Power-on password, supervisor password Bluetooth full-size keyboard, 6-row, black paste Bluetooth Optical Wheel Mouse, black server supply 200 watts, universal, auto-sensing mensions ³ (WxHxD): 22.05" x 17.20" x 3.76" to 5.53"; 560mm x 437mm x 95.5 to 140.5mm							Limited Warranty ¹²				
Weight ² Chassis Stand	22.0 lb (10 kg) <i>Front:</i> black color; <i>rear:</i> silv Adjustable stand (between 15	er gray color; ABS plasti				4	24x7 ¹⁶ toll issues du via 877-45	-free sup ring the	oport for w	varranty		

See footnotes for important warranty information IS Wodel announced February 16, 2011; previous models on September 8, 2010

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Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150 (NVIDIA ION models)



Lenovo IdeaCentre Q150 (NVIDIA ION models)



Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150 with optional Lenovo Mini Wireless Keyboard N5901 (57Y6336)



Lenovo IdeaCentre Q150 with optional mini USB keyboard and mouse

IdeaCentre™ Q150 (4081) - GMA (Windows 7) - web only models

Type-model Pro	ocessor GHz	L2 cache	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner		te 802.11 ol wireless	Color	Blue- tooth	Keyboard/ Mouse	Win7 preload	Avail date			
4081-1DU Ato	om D410 1.66	512KB	1GBx1	250GB ²	None	GMA 3150	None	None	11b/g/n ²⁸	Black	None	2.4GHz	Prem 32	Feb 11			
	 An Ult. Attach Super Ultra q 	ra-slim es to th power s juiet wit	and fashi e back of saving, sa h low pov	onable des selected ving up to ver platfor	sktop P VESA-co 90% po m	ltimedia expe C (only 0.5L) ompatible m ower compai ey recovery v	onitor fo red to tra	r more aditiona	space sa I desktop	ving							
Processor	DMI (Dire	ect Med	ia Interfac		ated DD	-core,)R2 memory ding technolo											
Memory		1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket								• 153.6mm W X 172.7mm D X 21.7mm I • 1.76 lb (0.8 kg) including stand							
Graphics		Intel Graphics Media Accelerator 3150 (GMA 3150), in processor, uses main memory, one analog VGA DB-15 connector								bays, n		wotom ²⁰					
SATA disk SATA controlle SATA DVD±RV Media reader	250GB , Serial AT	250GB, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None							- G H Prele	 Preloaded operating system²⁰ Genuine Windows[®] 7 Home Premium 32 Preloaded applications¹⁴ (only some listed) Lenovo Rescue System Driver and Application Installation McAfee[®] VirusScan[®] Plus (60 days of virus definitions) 							
Chipset	Intel NM	Intel NM10 Express Chipset							• Le								
Front ports Rear ports	Two USE	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm) High Definition (HD) audio, RealTek® ALC662 codec rs None							• M								
Audio External speak Internal speak	High Def kers None									65-watt AC adapter RoHS-compliant							
Ethernet Modem Security chip	10/100M ethernet on planar, Intel 82552V None None									Limited Warranty ¹							
11b/g/n ²⁸ TV tuner Remote contro Camera	None	vireless	⁴ , PCle M	ini Card, F	RealTek	® RTL8191S	U			pa fo M of	 Customer Replaceable Unit (CRU) parts only (with limited onsite ser- for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holio often next business day response 						
Keyboard Mouse Stand Mount bracket	keyboarc None Detachal	l and mo	ouse (with d (matchi	n track bal ng color w	l) comb ith chas	Im-sized dim o, via micro-s ssis) mm and 100r	size USÉ	3 receiv		<i>⇔</i> 24	9x5 (1551) ranty iod ¹						

See footnotes for important warranty information US model announced February 16, 2011

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IdeaCentre[™] Q150 (4081) - NVIDIA[®] ION[™] (Windows 7)

Personal Systems Reference (PSREF)

Type-model Proce	essor GHz	L2 cache	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner		e 802.11 I wireless	Color	Blue- tooth	Keyboard/ Mouse	Win7 preload	Avail date		
4081-4AU Atom	D510 1.66	1MB	2GBx1	250GB ²	None	NVIDIA ION	None	None	11b/g/n ²⁸	Black	None	2.4GHz	Prem 32	Jul 10		
	 An Ultr Attach Super Ultra q Support 	ra-slim es to th power s uiet wit rt 1080	and fashio ne back of saving, sa th low pow p full HD n	onable de selected ving up to ver platfoi nultimedia	sktop P VESA-co 90% po m a playba	ltimedia expe C (only 0.5L) ompatible mo ower compare ower compare ok and 3D ga y recovery w	nitor fo ed to tra ming	r more s ditional	pace sav desktop	ing						
Processor	Intel [®] Atom [™] processor D510 with dual-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz) integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache									Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H						
Memory			nax ⁸ , PC2 . 200-pin SC			DR2,				• 1.7	6 lb (0.8	W X 172.7mm D X 21.7mm 8 kg) including stand				
Graphics	PureVide	o® HD`	technolog	y, Full HD	decode	tX® 10, 512M e (1080i/p), on CP-compliant	e analo			Prelo		pperating system ²⁰ Windows® 7				
SATA disk SATA controller SATA DVD±RW Media reader	250GB, SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None Intel NM10 Express Chipset Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI), line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)							Home Premium 32 Preloaded applications ¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation								
Chipset																
Front ports Rear ports								 McAfee[®] VirúsScan[®] Plus (60 days of virus definitions) CyberLink PowerDVD (discrete mode 								
Audio External speaker Internal speaker	High Defi	High Definition (HD) audio, RealTek® ALC662 codec							65-watt AC adapter RoHS-compliant							
Ethernet Modem Security chip	10/100M ethernet on planar, Intel 82552V None None							Limited Warranty ¹								
11b/g/n ²⁸ TV tuner Remote control Camera	11b/g/n w None None None	vireless	⁴ , PCIe M	ini Card, I	RealTek	[®] RTL8191SU	I			 Customer Replaceable Unit (CRU parts only (with limited onsite set for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holi often next business day response 						
Keyboard Mouse Stand Mount bracket	keyboard None Detachab	and m	ouse (with d (matchii	i track bal	I) comb	m-sized dime o, via micro-si ssis) nm and 100m	ze USB			<i>⇒</i> 24	9x5 (1553) anty od ¹					

See footnotes for important warranty information US model announced July 28, 2010

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IdeaCentre[™] Q150 (4081) - NVIDIA ION (Windows 7) - web only models Personal

Personal Systems Reference (PSREF)

Type-model Proces	sor GHz	L2 cache	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote 802. control wirel		Color	Blue- tooth	Keyboard/ Mouse	Win7 preload	Avail date		
4081-6AU Atom E 4081-1EU Atom E			2GBx1 2GBx1	500GB ² 500GB		NVIDIA ION NVIDIA ION		None 11b/g/ None 11b/g/					Prem 32 Prem 64			
	 An Ultr Attache Super p Ultra qu Support 	a-slim es to th power s uiet wit rt 1080	and fashic te back of saving, sav th low pow o full HD n	nable de selected /ing up to er platfon nultimedi	sktop P VESA-ca o 90% pa rm a playba	C (only 0.5L) ompatible mo ower compare nck and 3D ga	nitor fo ed to tra ming	or home enter r more space ditional deski pooting into W	savi op	ing						
Processor	DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MH integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache								Hz)	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H						
Memory			200-pin SC			JRZ,				1.76 lb (0.8 kg) including stand No bays, no slots Preloaded operating system ²⁰ Some: Genuine Windows [®] 7						
Graphics	PureVide	o® HD	technology	/, Full HD	decode	tX® 10, 512M (1080i/p), or CP-complian	ne analo	ory og VGA								
SATA disk SATA controller SATA DVD±RW Media reader			0Gb/s, 2.5 \ 3.0Gb/s,			10 chipset				- S	Home Premium 32 - Some: Genuine Windows 7 Home Premium 64 Preloaded applications ¹⁴ (only some					
Chipset	Intel NM10 Express Chipset						listed	listed) • Lenovo Rescue System								
Front ports Rear ports Audio External speakers	Two USB line-in (ste High Defi	2.0, et ereo, 3	PDIF-out hernet (RJ .5mm), line HD) audio	e-out (ste	reo, 3.5		DMI)			• Di • M (6	 Deriver and Application Installation McAfee® VirusScan® Plus (60 days of virus definitions) CyberLink PowerDVD (discrete m 					
Internal speaker Ethernet Modem	None 10/100M None	etherne	et on plana	ar, Intel 8	2552V					65-watt AC adapter RoHS-compliant ✓ 1-year parts and labor ✓ Customer Replaceable Unit (CRU) parts only (with limited onsite servid for selected parts ³ , 8 am - 5 pm,						
Security chip 11b/g/n ²⁸ TV tuner Remote control Camera	None 11b/g/n w None None None	vireless	⁴ , PCIe Mi	ni Card, I	RealTek	® RTL8191SU	J									
Keyboard Mouse Stand Mount bracket	Some: 2. ke Some: M Detachab	4GHz yboard ini Opti le stan	l and mou ical Wheel d (matchir	lini Keybo se (with t Mouse (ig color w	oard N5 rack bal USB co vith chas	901, palm-siz l) combo, via nnector), blac	micro-s k	ize USB recei	ver	- M of ⇔ So (in • 24	cluding ho day respon ons	olidays, se time) 9x5 (1553) anty				

See Iocarolas in important warranty information IS model announced February 16, 2011; previous model on July 28, 2010 © Lenovo (NR2-4) February 2011

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Lenovo IdeaCentre D400



Lenovo IdeaCentre D400





Lenovo IdeaCentre D400



Lenovo IdeaCentre D400 (rear view)



Lenovo IdeaCentre D400

IdeaCentre[™] D400 (3013)

Type-model Proces	L2 sor GHz cache Memory ⁸	SATA disks	SATA optical	Graphics	eSATA	Ethernet	Color	`Preload	Avail date			
3013-1AU Atom 2 3013-1BU Atom 2 3013-1CU Atom 2 3013-1CU Atom 2	230 1.60 512KB 1GB 2T 230 1.60 512KB 1GB 1T	B (1TB, 1TB, 0, 0) B (1TB, 0, 0, 0)	None		eSATA eSATA eSATA eSATA	Gigabit Gigabit	Black Black	Windows Home Server Windows Home Server Windows Home Server Windows Home Server	Sep 09			
	 A Digital home storage, sn movies, files and more. Easy plug-and-play set up Provides four 3.5 inch bay. Easy USB file transfer, pre 	and convenient ren s for hard disks, up	note acc to 8TB c	ess. capacity.		ŗ	nal hare	d drives.				
Processor Implementation	Intel [®] Atom [™] Processor 23 Hyper-Threading technology, Execute Disable Bit, 533MHz Processor in Micro-FCBGA p	Intel 64 Technology system bus, and 5	12KB L2	cache	• Black • 7.9" W	orm Fact color bez / X 8.2" D n W X 20	el X 8.3"	H D X 212mm H				
Memory	1GB std, 2GB max ⁸ , PC2-64 non-parity, one 240-pin DIMM <i>Non-Italics:</i> standard memory	1 socket	ets avail	able	• 14.3 lb Bay ① 3 Bay ② 3	3.5", 1"	5 kg) for maximum configuration , 1" high, external, standard disk , 1" high, external, optional disk*					
Graphics	Intel Graphics Media Accel integrated graphics in 945GC no monitor ports, remote acc	, uses main memor			Bay 3 3 Bay 4 3	3.5", 1" 3.5", 1"						
SATA disks Disk bays SATA controller SATA DVD±RW SATA cables eSATA port Diskette drive Media reader	1TD as OTD and us to OTD as a site OATA OCh/a 7000 men							 ength, low-profile, PCI Express x4 Data protection features Back up all your home digital devices automatically Duplicate important data automatical copy designated data to two internal hard drives for added safety (some models) Inbuilt flash drive allows easy recover and prevents data lost in the event of 				
Chipset												
Front ports Rear ports Rear audio ports	One USB 2.0 with USB copy button (Easy USB file transfer function) Four USB 2.0, one eSATA, ethernet (RJ-45) s None						system	problem				
Audio External speakers Internal speaker Ethernet Modem Security chip	None ers None							Available at these retailers lenovo.com 				
Keyboard None Mouse None Power supply 200 watts, universal, auto autosensing Security Security slot (in rear for optional Kensington® Microsaver® cable)							Limited Warranty ¹ 2 1-year parts and labor Customer Replaceable Unit (CRU) parts only (with limited onsite servio					
Preloaded opera - Genuine Windo Preloaded applie - LightsOut - Trunes Server - LED brightness - One Key USB b - IP address com - System Information	ws [®] Home Server cations⁵ control packup figuration	Client application installation, Client • Windows Home • Lenovo Home S	nt softw Server	connector		 for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holiday often next business day response tim Service upgrade options (in eligible locations):⁹ 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⊋ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686 						

See footnotes for important warranty information US models announced September 1, 2009

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Partial list of accessories supported on: IdeaCentre A, B, C, D, K, and Q series desk	tops	
Storage and removable storage Lenovo Portable DVD Burner DB50 (black) Lenovo Portable DVD Burner DB50 (white)	57Y6487 57Y6488	
Keyboard Lenovo Wired Keyboard K4803A (black) Lenovo Mini Wireless Keyboard N5901A ⁵² Lenovo Mini Wireless Keyboard N5901 ⁵² (blk) ⁵² Wireless via 2.4GHz technology using a m		
Mouse Lenovo Optical Mouse A6010 (red) Lenovo Optical Mouse A6010 (black) Lenovo Mini Optical Mouse S10B (white) Bluetooth Laser Mice N6901A (glossy black) Lenovo Wireless Mouse N3903A (black) Wireless Mouse N3903A (coffee) Wireless Mouse N3902A (black) Wireless Mouse N3902A (black) Wireless Mouse N3902A (red)	57Y6483 57Y6255 55Y9358 57Y6482 55Y9360 57Y6596 57Y6696 57Y6666 ann 01/25/1 57Y6673 ann 01/25/1	
Multimedia Lenovo Headset P550 Lenovo Headset P950 (black) Lenovo mini speaker M220 Lenovo speaker M0520 (black) Lenovo speaker M0520 (red)	55Y2065 57Y6605 ann 02/08/1 55Y2033 57Y6360 ann 02/08/1 57Y6361 ann 02/08/1	1
Other accessories at www.lenovo.com/acces	ssories	
Accessories Guide pdf at www.lenovo.com/ac	ccessoriesguide	

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- ¹ Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.
- ² Hard disk drive: GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- ³ Customer Replacement Units (CRUs) are designed to be replaced by customers during the applicable warranty period. Lenovo will send a technician onsite to perform a repair if remote telephone diagnosis does not isolate the problem, if customer replaceable parts are unable to resolve the problem, or at the request of the customer. For a list of customer replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges.
- ⁴ Wireless capability: Requires compatible wireless-enabled options sold separately.
- ⁵ Included software may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.
- ⁷ Maximum memory capacity may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

- ⁸ Memory: For PCs without a separate video card, memory supports both system and video. Accessible system memory is less than the amount stated, depending on video mode.
- ⁹ Service upgrade options: Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warrantyperiod. Service levels are response time objectives and are not guarantees.
- ¹⁰ Modem speeds: Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ¹⁴ Response times may vary. May exclude some holidays. Telephone support may be subject to additional charges.
- ²⁰ Operating System: Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.
- ²⁸ The IEEE 802.11n specification (MIMO) has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

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