




# *Personal Systems Reference Lenovo® ThinkVision® Monitors*

*February 2011 - Version 392*



ThinkVision L2321x Wide Monitor

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<p>Name <b>D186 Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>2580-AB1</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>18.5" (470mm)</b> diagonal                  Max view area (W x H) 16.1" x 9.1" / 409.8mm x 230.4mm                  Optimum resolution <b>1366x768</b> at 60Hz                  Maximum resolution 1366x768 at 60Hz (135MHz max pixel rate)                  Aspect ratio 16:9                  Pixel pitch (mm) .300mm                  Dot/Pixel per Inch 85 dpi                  Brightness 200 nits or cd/m<sup>2</sup> (typical)                  Contrast ratio 600:1 (typical)                  Pixel response time 5ms (typical)                  Color gamut 67%                  Anti-reflective Anti-reflective, anti-glare                  Viewing angle at 10:1 CR 90° (+/- 45°) horizontal, 50° (+/- 25°) vertical                  Stand Tilt adjustable stand                  Bezel width <i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm); <i>bottom:</i> 1.19" (30.1mm)                  Dimensions (HxWxD) 14.6" H x 17.4" W x 8.3" D;                  370mm H x 442mm W x 210mm D                  Power supply 16 watts typical, 24 watts maximum,                  &lt;1 watts standby/suspend, universal,                  integrated (no external brick-like power supply)                  Weight 7.28 lb; 3.3kg                  Limited warranty<sup>4</sup> <b>3 years</b> (includes backlight)                  Available date January 2010</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 18.5-inch monitor</li> <li>• High Definition (HD) ready; 1366x768 resolution</li> <li>• Detachable stand tilts for comfortable viewing</li> <li>• Supports VESA mount (100mm)</li> <li>• 50% less mercury</li> <li>• Kensington® lock slot ready for enhanced security</li> </ul>						
<p>VESA-compliant<sup>2</sup> VESA DDC2B/CI, VESA DPMS-compliant                  Power management None                  Ergonomics ISO 9241-307                  Pixel defect ISO 9241-307 pixel defect standard                  Emission standards FCC Class B                  Environmental WEEE, RoHS (EU Directive 2002/95/EC),                  Preset resolutions                  VGA: 640x350, 640x480, 720x400                  SVGA: 800x600                  XGA: 1024x768                  WXGA: 1280x720, 1280x768                  1360x768, 1366x768                  Presets Standard presets: 20; user settings: 16</p>	 <p style="text-align: center;"><b>Lenovo D186 Wide Monitor</b></p>						
<p>Viewing adjustments <i>Tilt:</i> 20° back, -5° forward; no lift; no swivel; detachable stand                  Rotating screen None                  On screen display On screen display with digital user controls (8 languages)                  Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness                  USB hub None                  Multiple input None                  Monitor connectors VGA 15-pin D-shell, analog, blue                  Signal cables Detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter                  Mounting features Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI® (100mm mount)                  Security Security keyhole for attachment of optional cable lock (Kensington lock-compatible)</p>							
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord</p>							
<p style="text-align: center;"><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>⇒ <b>3 year limited warranty<sup>4</sup></b></li> <li>⇒ <b>International Warranty Service<sup>5</sup></b></li> <li>⇒ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>⇒ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>⇒ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>⇒ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>⇒ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p style="text-align: center;"><b>Accessories</b></p> <table border="0"> <tr> <td>Kensington MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>                  See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	Kensington MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information  
 US model announced January 12, 2010

<p>Name <b>L2021 Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>4449-HB1</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>20.0" / 508mm</b> (diagonal)                  Max view area (W x H) 17.4" x 9.8" / 443mm x 249mm                  Optimum resolution <b>1600x900</b> at 60Hz                  Aspect ratio 16:9                  Pixel pitch (mm) 0.277mm                  Dot/Pixel per Inch 92 dpi                  Brightness 250 nits or cd/m<sup>2</sup> (typical)                  Contrast ratio 1000:1 (typical)                  Pixel response time 5ms (typical)                  Color gamut 72%                  Anti-reflective Anti-reflective, anti-glare                  Vertical frequency 50 to 75 Hz                  Horizontal frequency 31 to 81 kHz                  Viewing angle at 5:1 CR 178° (+/- 89°) horizontal, 170° (+/- 85°) vertical                  Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical                  Stand Tilt adjustable stand                  Bezel width <i>Sides:</i> 0.48" (12.1mm);  <i>top:</i> 0.47" (11.9mm);  <i>bottom:</i> 0.39" (10.1mm)</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• All-purpose 20-inch wide flat panel LCD monitor</li> <li>• View images in a 16x9 wide aspect ratio</li> <li>• High-bandwidth Digital Content Protection (HDCP)-compliant</li> <li>• Tilt and cable management stand</li> <li>• Compliance with ENERGY STAR 5.0</li> <li>• 50% less mercury</li> <li>• Microsoft® Windows® 7 certified</li> </ul>						
<p>Dimensions (HxWxD) 14.1" H x 18.7" W x 5.9" D;                  357.5mm H x 475.9mm W x 151.2mm D                  Power supply 22 watts typical, 27 watts maximum,                  &lt;1 watts standby/suspend, universal,                  integrated (no external brick-like power supply)                  Weight 9.24 lb; 4.2kg                  Limited warranty<sup>4</sup> <b>3 years</b>                  (includes backlight)                  Available date September 2010</p>	 <p><b>Lenovo L2021 Wide Monitor</b></p>  <p><b>Lenovo L2021 Wide Monitor rear view with cable management</b></p>						
<p>VESA-compliant<sup>2</sup> VESA DDC2B/CI, VESA DPMS-compliant                  Power management ENERGY STAR<sup>®3</sup> 5.0                  Ergonomics ISO 9241-307                  Emission standards MPR-2, FCC Class B                  Environmental <b>EPEAT™ Gold rating</b>, TCO (TCO Displays 5.0),                  WEEE, RoHS (EU Directive 2002/95/EC)</p> <p>Preset resolutions                  VGA: 640x350, 640x480, 720x400                  SVGA: 800x600, 832x624                  XGA: 1024x768, 1152x864                  WXGA: 1280x720, 1280x768,                  1280x800, 1366x768                  SXGA: 1280x1024                  WXGA+: 1440 x 900, 1600x900</p> <p>Presets / user settings                  Standard presets: 25; user settings: 20</p>	<p>Viewing adjustments <i>Tilt:</i> 20° back, -5° forward; detachable stand                  Rotating screen None                  On screen display On screen display with digital user controls (8 languages)                  Control features Direct access (control buttons on front) for automatic image setup                  USB hub None                  Multiple input Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button)                  Monitor connectors (1) VGA 15-pin D-shell, analog, blue                  (2) Digital Visual Interface (DVI-D) for digital attach [white], <b>HDCP-compliant</b>                  Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter                  (2) detachable, DVI-D at each end (for digital connector), 1.8 meter                  Mounting features Wall or desk mounting using the Radial Arm<sup>®</sup> or third-party accessories meeting the VESA FPMPI<sup>®</sup> (75mm mount)                  Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>						
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m power cord</p>							
<p><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>↪ <b>3 year limited warranty<sup>4</sup></b></li> <li>↪ <b>International Warranty Service<sup>5</sup></b></li> <li>↪ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>↪ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>↪ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>↪ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>↪ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>                  See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
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See footnotes for important warranty information  
 US model announced September 21, 2010

<p>Name <b>L2230x Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>5453-HB1</b>                  Panel <b>TFT-LCD, twisted nematic (TN), white LED backlight</b>                  Viewable image size <b>21.5" (547mm) diagonal</b>                  Max view area (W x H) <b>18.8" x 10.6" / 476.6mm x 268.7mm</b>                  Optimum resolution <b>1920x1080</b>                  Aspect ratio <b>16:9</b>                  Pixel pitch (mm) <b>.248mm</b>                  Dot/Pixel per Inch <b>103 dpi</b>                  Brightness <b>250 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Color gamut <b>68%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 75Hz</b>                  Horizontal frequency <b>30 to 83kHz</b>                  Viewing angle at 10:1 CR <b>170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt adjustable stand</b>                  Bezel width <b>Sides: 0.67" (17.1mm); top: 0.65" (16.5mm); bottom: 1.04" (26.5mm)</b>                  Dimensions (HxWxD) <b>14.81" H x 20.17" W x 6.00" D; 376.3mm H x 512.3mm W x 152.5mm D</b>                  Power supply <b>Typical: 22 watts (VGA), 24 watts (USB); maximum: 60 watts (USB, all USB engaged); &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)</b>                  Weight <b>9.15 lb; 4.15kg</b>                  Limited warranty<sup>4</sup> <b>3 years (includes backlight)</b>                  Available date <b>July 2010</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Embedded USB port replicator; designed for notebook PC: one USB connects to all peripherals including LAN access</li> <li>• Widescreen 21.5-inch monitor with white LED backlight</li> <li>• 1080p full HD support</li> <li>• Tilt stand for viewing comfort; supports VESA mount (75mm)</li> <li>• Compliance with ENERGY STAR 5.0</li> <li>• Mercury free and arsenic free glass</li> <li>• Microsoft® Windows® 7 certified</li> </ul>						
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR<sup>®</sup> 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, FCC Class B</b>                  Environmental <b>TCO (TCO Certified Edge), WEEE, RoHS, EPEAT™ Gold rating</b></p>	 <p style="text-align: center;"><b>Lenovo L2230x Wide Monitor</b></p>						
<p>Preset resolutions <b>PAL, 640x350, 640x480, 640x500, 720x400, 800x600, 1024x768, 1152x864, 1280x1024, 1366x768, 1440x900, 1680x1050, 1920x1080</b>                  Presets <b>Presents: 27(VGA), 11(USB); user settings: 20</b></p>							
<p>Viewing adjustments <b>Tilt: 20° back, -5° forward; no lift; no swivel; detachable stand</b>                  Rotating screen <b>None</b>                  On screen display <b>On screen display with digital user controls (8 languages)</b>                  Control features <b>Direct access (control buttons on front) for automatic image setup and adjustment for brightness</b>                  USB port replicator <b>Embedded USB port replicator (need to meet system requirements)</b>                  USB hub <b>USB 2.0 Hub (1 port into PC, 3 ports for accessories),</b>                  Multimedia <b>Audio line-out jack, Microphone-in jack</b>                  Ethernet <b>10M/100Mbps</b>                  Multiple input <b>Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)</b>                  Monitor connectors <b>(1) VGA 15-pin D-shell, analog, blue (2) USB 2.0</b>                  Signal cables <b>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, USB cable, 1.8 meter</b>                  Mounting features <b>Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPMI<sup>®</sup> (75mm mount)</b>                  Security <b>Security keyhole for attachment of optional cable lock (Kensington lock-compatible)</b></p>							
<p>Ship group <b>Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter USB cable, 1.8 meter black power cord</b></p>							
<p style="text-align: center;"><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>⇒ <b>3 year limited warranty<sup>4</sup></b></li> <li>⇒ <b>International Warranty Service<sup>5</sup></b></li> <li>⇒ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>⇒ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>⇒ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>⇒ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</b></li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</b></li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</b></li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</b></li> <li>• <b>4 year, mail exchange (51J0589)</b></li> <li>• <b>5 year, mail exchange (51J0590)</b></li> </ul> </li> <li>⇒ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p style="text-align: center;"><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision® Soundbar</td> <td style="text-align: right;">45K1263</td> </tr> <tr> <td>Kensington MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>                  See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision® Soundbar	45K1263	Kensington MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
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See footnotes for important warranty information  
 US model announced June 10, 2010

<p>Name <b>L2461x Wide Flat Panel Monitor</b>                  Case color <b>High gloss black with metal gray</b>                  Type-model <b>2467-HE1</b>   <b>4015-HB1</b>                  Panel TFT-LCD, twisted nematic (TN), <b>white LED backlight</b> supports multi-touch function                  Viewable image size <b>23.6" (599mm)</b> diagonal                  Max view area (W x H) <b>20.5" x 11.5" / 521.3mm x 293.2mm</b>                  Optimum resolution <b>1920x1080</b>                  Aspect ratio <b>16:9</b>                  Pixel pitch (mm) <b>.272mm</b>                  Dot/Pixel per Inch <b>93 dpi</b>                  Brightness <b>300 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Display enhancement <b>120 Hz MEMC (double frame tech), MPRT&lt;10ms</b>                  Color gamut <b>68%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 75Hz</b>                  Horizontal frequency <b>30 to 83kHz</b>                  Viewing angle at 10:1 CR <b>170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt adjustable stand</b>                  Bezel width <b>Sides: 0.80" (20.4mm)</b>                  Dimensions (HxWxD) <b>16.69" H x 22.40" W x 6.57" D; 423.8mm H x 569.0mm W x 167.0mm D</b>                  Power supply <b>27 watts typical, 65 watts maximum, &lt;1 watts standby/suspend, universal, external power adapter with attached 1.8 m DC cord</b>                  Weight <b>17.9 lb; 8.1kg</b>                  Limited warranty<sup>4</sup> <b>1 year</b> (includes backlight)   <b>3 year</b> (includes backlight)                  Available date <b>March 2010</b>   <b>March 2010</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 23.6-inch monitor with white LED backlight</li> <li>• 1080p full HD support, HDCP-compliant</li> <li>• Full screen multi-touch designed for Windows® 7</li> <li>• Supports 120Hz MEMC technology (Motion Estimation, Motion Compensation)</li> <li>• 10-60 degree easily adjustable stand and VESA mount</li> <li>• Integrated camera (2.0 megapixel) and microphone</li> <li>• Light bar supports up to 256-color background light</li> <li>• Mercury free panel</li> <li>• Easy navigation capacitive touch buttons</li> <li>• Microsoft® Windows 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR<sup>®</sup> 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, FCC Class B</b>                  Environmental <b>TCO Displays 5.0, WEEE, RoHS</b>                  Preset resolutions <b>VGA: 640x350, 640x480</b>  <b>SVGA: 800x600, 832x624</b>  <b>XGA: 1024x768, 1152x864</b>  <b>SXGA: 1280x1024</b>  <b>WXGA: 1366x768</b>  <b>WXGA+: 1440x900</b>  <b>WSXGA+: 1680x1050</b>  <b>WUXGA: 1920x1080</b>                  Presets / user settings <b>Presets: 26 (VGA), 24 (HDMI); user settings: 20</b></p>	 <p><b>L2461x Wide Monitor</b></p>
<p>Viewing adjustments <b>Tilt: 10°-60° back, 0° forward; adjustable stand</b>                  Rotating screen <b>None</b>                  On screen display <b>On screen display with digital user controls (8 languages)</b>                  Control features <b>Direct access (touch-sensitive buttons on front) for Windows shortcuts, speaker volume control, light bar adjustment, and monitor OSD controls</b>                  USB hub <b>USB 2.0 Hub (1 port into PC, 4 ports for accessories)</b>                  Multimedia <b>Integrated speakers (Bass Enhanced, 3 watts x 2), 3.5mm Headset audio out</b>                  Camera module <b>Integrated camera (2.0 megapixel) and dual array microphone</b>                  Light bar <b>Background light up to 256 colors, light bar adjustment via touch-sensitive button</b>                  Multiple input <b>Dual input (two different PCs attach to two different connectors; one PC shows image; select via touch-sensitive button)</b>                  Monitor connectors <b>(1) VGA 15-pin D-shell, analog, blue</b>  <b>(2) HDMI (1.3), digital, black, <b>HDCP-compliant</b></b>                  Signal cables <b>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</b>  <b>(2) detachable, HDMI at each end, digital, 1.8 meter</b>                  Mounting features <b>Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI<sup>®</sup> (100mm mount)</b>                  Security <b>Security keyhole for attachment of optional cable lock (Kensington<sup>®</sup> lock-compatible)</b></p>	<p>Ship group <b>Monitor, attached stand, cable cover, power adapter (1.8 meter DC cord + 1.0 meter power cord), Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter HDMI cable, 1.8 meter USB cable, 1.8 meter audio cable</b></p>

Limited Warranty
<p>↪ <b>2467: 1 year limited warranty<sup>4</sup></b>  <b>Rapid Replacement Service at 1-877-453-6686</b></p>
<p>↪ <b>4015: 3 year limited warranty</b>  <b>International Warranty Service<sup>5</sup></b>  <b>Rapid Replacement Service at 1-800-426-7378</b></p>
<p>↪ <b>Replacement normally arrives in two business days, excluding holidays</b></p>
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Accessories	
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See footnotes for important warranty information  
 US models announced January 5 or March 9, 2010

<p>Name <b>L1711p Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>5047-HB2</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>17.0" (432mm)</b> diagonal                  Max view area (W x H) <b>13.3" x 10.6"</b> (337.9mm x 270.3mm)                  Optimum resolution <b>1280x1024</b> at 60Hz                  Maximum resolution <b>1280x1024</b> at 75Hz (165MHz max pixel rate)                  Aspect ratio 5:4                  Pixel pitch (mm) 0.264mm                  Dot/Pixel per Inch 96 dpi                  Brightness 250 nits or cd/m<sup>2</sup> (typical)                  Contrast ratio 1000:1 (typical)                  Pixel response time 5ms (typical)                  Color gamut 72%                  Anti-reflective Anti-reflective, anti-glare                  Vertical frequency 50 to 75Hz                  Horizontal frequency 30 to 83kHz                  Viewing angle at 10:1 CR <b>160° (+/- 80°) horizontal, 160° (+/- 80°) vertical</b>                  Stand Tilt height adjustable stand                  Bezel width <i>Sides: 0.6" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm)</i>                  Dimensions (HxWxD) <b>16-20.33" H x 14.6" W x 6.1" D;</b>  <b>405.7-515.7mm H x 370mm W x 155.2mm D</b>                  Power supply 18 watts typical, 21 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)                  Weight 9.3 lb; 4.21kg                  Limited warranty<sup>4</sup> <b>3 year</b> (includes backlight)                  Available date November 2009</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Regular screen 17-inch monitor</li> <li>• Supports SXGA 1280x1024 resolution</li> <li>• Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing</li> <li>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</li> <li>• Reduces mercury content by 50% and arsenic free glass</li> <li>• Up to 70% recycled packaging materials</li> <li>• Privacy Filter Slot</li> <li>• Microsoft® Windows® 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> VESA DDC2B/CI, VESA DPMS-compliant                  Power management ENERGY STAR® 5.0                  Ergonomics ISO 9241-307                  Emission standards MPR-2, MPR-3A, FCC Class B                  Environmental TCO (TCO Displays 5.0), WEEE, RoHS, <b>EPEAT™ Gold rating</b></p> <p>Preset resolutions VGA: 640x350, 640x480, 720x400                  SVGA: 800x600                  XGA: 1024x768                  SXGA: 1280x1024</p> <p>Presets / user settings Standard presets: 17;                  user settings: 22</p>	 <p><b>ThinkVision L1711p Monitor</b></p>
<p>Viewing adjustments <i>Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand</i>                  Rotating screen None                  On screen display On screen display with digital user controls (8 languages)                  Control features Direct access (buttons on front) for automatic image setup                  Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)                  Monitor connectors (1) VGA 15-pin D-shell, analog, blue                  (2) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b>                  Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter                  (2) detachable, DVI-D at each end, digital, 1.8 meter                  Mounting features Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI® (100mm mount)                  Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>	<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>

<p><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>⇒ <b>3 year limited warranty<sup>4</sup></b></li> <li>⇒ <b>International Warranty Service<sup>5</sup></b></li> <li>⇒ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>⇒ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>⇒ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>⇒ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9215)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>⇒ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information  
 US model announced October 20, 2009

Flat Panel Monitors - US model	Features
<p>Name <b>L197 Wide Flat Panel Monitor</b>                      Case color <b>Business black</b>                      Type-model <b>4434-HE1</b>                      Stand Tilt stand                      Screen LCD Active Matrix TFT (Thin Film Transistor)                      Viewable image size (diag) <b>19.0" / 481mm</b> (diagonal)                      Aspect ratio 16:10                      Pixel pitch (mm) .285mm                      Max view area (inches) 16.1" x 10.0" (horizontal x vertical)                      Max view area (mm) 408mm x 255mm (horizontal x vertical)                      Viewing angle at 5:1 CR 176° vertical, 176° horizontal                      Viewing angle at 10:1 CR 160° vertical, 170° horizontal                      Video input <b>Digital or analog (two separate connectors)</b>                      Dual input <b>Dual input</b> (two different PCs attach to two different connectors; one PC shows image; select via button)</p>	<ul style="list-style-type: none"> <li>• Widescreen 19-inch flat panel monitor</li> <li>• EPEAT™ Gold rating</li> <li>• View images in a 16:10 wide aspect ratio</li> <li>• Resolution of 1440x900 provides crisp screen images</li> <li>• Slim 14.3mm (0.56") side bezel</li> <li>• High-bandwidth Digital Content Protection (HDCP)-compliant</li> <li>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</li> <li>• Complements the ThinkCentre® and ThinkPad® systems</li> <li>• Microsoft® Windows® Vista™ Premium certified</li> </ul>

Rotating screen	No pivot
USB Hub	None
Optimum resolution	<b>1440x900</b> at 60Hz
Maximum resolution	1440x900 at 75Hz (137MHz maximum pixel rate)
Vertical frequency	50 to 76Hz
Horizontal frequency	30 to 81kHz
Preset display modes	VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz SXGA: 1280x1024 60, 70, 75Hz WXGA+: 1440x900 60, 75Hz
Presets / user settings	Standard presets: 20; user settings: 20
Brightness	250 nits or cd/m <sup>2</sup> (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%



Lenovo ThinkVision L197 Wide

On screen display	On screen display with digital user controls (7 languages)
Control features	Direct access (buttons on front) for automatic image setup
Monitor connectors	Two connectors: (1) analog VGA 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white], <b>HDCP-compliant</b>
Signal cables	Two cables: (1) detachable, VGA 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 1.8 meter, matches color of monitor
Anti-reflective	Anti-reflective, anti-glare
Dimensions	15.0"H x 17.3"W x 7.0"D / 381mm height x 440mm width x 179mm depth
Weight	9.15lb / 4.15kg
Viewing adjustments	Tilt: 30° back, 4° forward / no lift, no swivel, detachable stand
Mounting features	Wall or desk mounting using the Radial Arm® or third-party accessories meeting the VESA FPMPI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
VESA-compliant <sup>2</sup>	VESA DDC2B/C1, VESA DPMS-compliant
Power management	ENERGY STAR® 5.0
Ergonomics	ISO 13406 Part 2 <sup>1</sup>
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2, MPR-3A, FCC Class B
Environmental	TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), <b>EPEAT™ Gold rating</b>
Ship group	Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord
Power supply	90-264Vac (universal), integrated (no external brick-like power supply), 22 watts typical, <2 watts standby/suspend
Limited warranty <sup>4</sup>	<b>3 year</b> (includes backlight)
Available date	April 2008

Limited Warranty	Accessories								
<ul style="list-style-type: none"> <li>⇒ <b>3 year limited warranty<sup>4</sup></b></li> <li>⇒ <b>International Warranty Service<sup>5</sup></b></li> <li>⇒ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>⇒ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>⇒ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>⇒ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>⇒ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<table border="0"> <tr> <td>ThinkVision® USB Soundbar</td> <td style="text-align: right;">40Y7616</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision® USB Soundbar	40Y7616	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information  
 US model announced April 15, 2008

Name	<b>L1900p Flat Panel Monitor</b>
Case color	<b>Business black</b>
Type-model	<b>4431-HE1</b>
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight
Viewable image size	<b>19.0" (483mm)</b> diagonal
Max view area (W x H)	14.8" x 11.85" (376mm x 301mm)
Optimum resolution	<b>1280x1024</b> at 60Hz
Maximum resolution	1280x1024 at 75Hz (135MHz max pixel rate)
Aspect ratio	5:4
Pixel pitch (mm)	.294mm
Dot/Pixel per Inch	86 dpi
Brightness	250 nits or cd/m <sup>2</sup> (typical)
Contrast ratio	800:1 (typical)
Pixel response time	5ms (typical)
Color gamut	72%
Anti-reflective	Anti-reflective, anti-glare
Vertical frequency	56 to 76Hz
Horizontal frequency	30 to 81kHz
Viewing angle at 10:1 CR	160° (+/- 80°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand
Bezel width	<i>Sides:</i> 0.6" (15.3mm); <i>top:</i> 0.66" (16.8mm); <i>bottom:</i> 1.05" (26.8mm)
Dimensions (HxWxD)	14.9-19.2" H x 16.1" W x 7.4-9.5" D; 378.7-488.7mm H x 408mm W x 188-241.1mm D
Power supply	17 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight	12.5 lb; 5.7kg
Limited warranty <sup>4</sup>	<b>3 year</b> (includes backlight)
Available date	November 2008
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant
Power management	ENERGY STAR <sup>®3</sup> 5.0
Ergonomics	ISO 13406 Part 2 <sup>1</sup>
Pixel defect	ISO 13406-2 Class II pixel defect standard
Emission standards	MPR-2, MPR-3A, FCC Class B
Environmental	TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), <b>EPEAT™ Gold rating</b> , GREENGUARD <sup>®</sup> certified
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024
Presets / user settings	Standard presets: 21; user settings: 17
Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45°; detachable stand
Rotating screen	<b>Screen pivots 90 degrees from landscape to portrait</b> (requires image rotation support from graphics controller)
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup
Multiple input	Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b>
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Radial Arm <sup>9</sup> or third-party accessories meeting the VESA FPMPI <sup>®</sup> (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington <sup>®</sup> lock-compatible)
Ship group	Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

**Features**

- Regular screen 19-inch monitor
- Supports SXGA 1280x1024 resolution
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Detachable rear stand cable cover and clip to hide cables
- Microsoft® Windows® Vista® certified




**ThinkVision L1900p Monitor  
with optional ThinkVision Soundbar**

Limited Warranty	
↪	<b>3 year limited warranty<sup>4</sup></b>
↪	<b>International Warranty Service<sup>5</sup></b>
↪	<b>Rapid Replacement Service at 1-800-426-7378</b>
↪	<b>Replacement normally arrives in two business days, excluding holidays</b>
↪	<b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b>
↪	<b>Service upgrade options:<sup>7</sup></b>
•	<b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)
•	<b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)
•	<b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)
•	<b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)
•	<b>4 year, mail exchange</b> (51J0589)
•	<b>5 year, mail exchange</b> (51J0590)
↪	<b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b>

Accessories	
ThinkVision Soundbar	45K1263
Kensington® MicroSaver® Cable Lock	73P2582
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See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>	
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See footnotes for important warranty information  
US model announced November 11, 2008



<p>Name <b>L1951p Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>2448-HB6</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>19.0" (481mm)</b> diagonal                  Max view area (W x H) <b>16.07" x 10.05" (408.2mm x 255.2mm)</b>                  Optimum resolution <b>1440x900</b> at 60Hz                  Maximum resolution <b>1440x900</b> at 75Hz (137MHz max pixel rate)                  Aspect ratio <b>16:10</b>                  Pixel pitch (mm) <b>.285mm</b>                  Dot/Pixel per Inch <b>89 dpi</b>                  Brightness <b>250 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Color gamut <b>72%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 76Hz</b>                  Horizontal frequency <b>30 to 81kHz</b>                  Viewing angle at 10:1 CR <b>160° (+/- 80°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt and height adjustable stand</b>                  Bezel width <b>Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.2" (30.5mm)</b>                  Dimensions (HxWxD) <b>14.56-17.71" H x 17.36" W x 6.11" D; 369.9-449.9mm H x 440.9mm W x 155.2mm D</b>                  Power supply <b>19 watts typical, 23 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)</b>                  Weight <b>9.37 lb; 4.25kg</b>                  Limited warranty<sup>4</sup> <b>3 year (includes backlight)</b>                  Available date <b>October 2009</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 19-inch monitor</li> <li>• Supports WXGA+ 1440x900 resolution</li> <li>• Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing</li> <li>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</li> <li>• Reduces mercury content by 50% and arsenic free glass</li> <li>• Up to 70% recycled packaging materials</li> <li>• Privacy Filter Slot</li> <li>• Microsoft® Windows® 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR® 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, MPR-3A, FCC Class B</b>                  Environmental <b>TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</b></p>	 <p><b>ThinkVision L1951p Wide Monitor</b></p>
<p>Preset resolutions <b>VGA: 640x350, 640x480, 720x480</b>  <b>SVGA: 800x600, 832x624</b>  <b>XGA: 1024x768, 1152x864</b>  <b>SXGA: 1280x1024</b>  <b>WXGA: 1280x720, 1360x768</b>  <b>WXGA+ 1440x900</b>                  Presets / user settings <b>Standard presets: 27; user settings: 20</b></p>	
<p>Viewing adjustments <b>Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand</b>                  Rotating screen <b>None</b>                  On screen display <b>On screen display with digital user controls (8 languages)</b>                  Control features <b>Direct access (buttons on front) for automatic image setup</b>                  Multiple input <b>Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)</b>                  Monitor connectors <b>(1) VGA 15-pin D-shell, analog, blue</b>  <b>(2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</b>                  Signal cables <b>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</b>  <b>(2) detachable, DVI-D at each end, digital, 1.8 meter</b>                  Mounting features <b>Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI® (100mm mount)</b>                  Security <b>Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</b></p>	<p>Ship group <b>Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</b></p>


<p><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>↪ <b>3 year limited warranty<sup>4</sup></b></li> <li>↪ <b>International Warranty Service<sup>5</sup></b></li> <li>↪ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>↪ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>↪ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>↪ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</b></li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</b></li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</b></li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</b></li> <li>• <b>4 year, mail exchange (51J0589)</b></li> <li>• <b>5 year, mail exchange (51J0590)</b></li> </ul> </li> <li>↪ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information  
 US model announced October 20, 2009

<p>Name <b>L2250p Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>2572-HB6</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>22.0" (559mm)</b> diagonal                  Max view area (W x H) <b>18.7" x 11.7"</b> (473.8mm x 296.1mm)                  Optimum resolution <b>1680x1050</b> at 60Hz                  Maximum resolution <b>1680x1050</b> at 75Hz (205MHz max pixel rate)                  Aspect ratio <b>16:10</b>                  Pixel pitch (mm) <b>.282mm</b>                  Dot/Pixel per Inch <b>90 dpi</b>                  Brightness <b>250 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Color gamut <b>72%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 75Hz</b>                  Horizontal frequency <b>30 to 83kHz</b>                  Viewing angle at 10:1 CR <b>170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt and height adjustable stand</b>                  Bezel width <b>Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm)</b>                  Dimensions (HxWxD) <b>15.68-18.83" H x 19.92" W x 6.11" D; 398.3-478.3mm H x 506mm W x 155.2mm D</b>                  Power supply <b>21 watts typical, 28 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)</b>                  Weight <b>11.49 lb; 5.21kg</b>                  Limited warranty<sup>4</sup> <b>3 year (includes backlight)</b>                  Available date <b>October 2009</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 22-inch monitor</li> <li>• Supports WSXGA+ 1680x1050 resolution</li> <li>• Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing</li> <li>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</li> <li>• Reduces mercury content by 50% and arsenic free glass</li> <li>• Up to 65% recycled packaging materials</li> <li>• Privacy Filter Slot</li> <li>• Microsoft® Windows® 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR® 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, MPR-3A, FCC Class B</b>                  Environmental <b>TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</b></p>	 <p><b>ThinkVision L2250p Wide Monitor</b></p>
<p>Preset resolutions <b>VGA: 640x350, 640x480, 720x480</b>  <b>SVGA: 800x600</b>  <b>XGA: 1024x768, 1152x864</b>  <b>SXGA: 1280x1024</b>  <b>WXGA+: 1440x900</b>  <b>UXGA: 1600x1000</b>  <b>WSXGA+: 1680x1050</b>                  Presets / user settings <b>Standard presets: 24; user settings: 20</b></p>	
<p>Viewing adjustments <b>Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand</b>                  Rotating screen <b>None</b>                  On screen display <b>On screen display with digital user controls (8 languages)</b>                  Control features <b>Direct access (buttons on front) for automatic image setup</b>                  USB hub <b>None</b>                  Camera <b>None</b>                  Multiple input <b>Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)</b>                  Monitor connectors <b>(1) VGA 15-pin D-shell, analog, blue</b>  <b>(2) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b></b>                  Signal cables <b>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</b>  <b>(2) detachable, DVI-D at each end, digital, 1.8 meter</b>                  Mounting features <b>Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI® (100mm mount)</b>                  Security <b>Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</b></p>	<p>Ship group <b>Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</b></p>


<p><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>↔ <b>3 year limited warranty<sup>4</sup></b></li> <li>↔ <b>International Warranty Service<sup>5</sup></b></li> <li>↔ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>↔ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>↔ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>↔ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>↔ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
ThinkVision Soundbar	45K1263								
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See footnotes for important warranty information  
 US model announced October 20, 2009

<p>Name <b>L2251p Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>2572-HD6</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>22.0" (559mm)</b> diagonal                  Max view area (W x H) <b>18.7" x 11.7"</b> (473.8mm x 296.1mm)                  Optimum resolution <b>1680x1050</b> at 60Hz                  Maximum resolution <b>1680x1050</b> at 75Hz (205MHz max pixel rate)                  Aspect ratio <b>16:10</b>                  Pixel pitch (mm) <b>.282mm</b>                  Dot/Pixel per Inch <b>90 dpi</b>                  Brightness <b>250 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Color gamut <b>72%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 75Hz</b>                  Horizontal frequency <b>30 to 83kHz</b>                  Viewing angle at 10:1 CR <b>170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt, swivel, pivot, and height adjustable stand</b>                  Bezel width <b>Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm)</b>                  Dimensions (HxWxD) <b>14.46-18.79" H x 19.92" W x 9.50" D; 367.3-477.3mm H x 506mm W x 241.2mm D</b>                  Power supply <b>21 watts typical, 28 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)</b>                  Weight <b>12.94 lb; 5.88kg</b>                  Limited warranty<sup>4</sup> <b>3 year (includes backlight)</b>                  Available date <b>October 2009</b></p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 22-inch monitor</li> <li>• Supports WSXGA+ 1680x1050 resolution</li> <li>• Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing</li> <li>• Detachable rear stand cable cover and clip to hide cables</li> <li>• Reduces mercury content by 50% and arsenic free glass</li> <li>• Up to 60% recycled packaging materials</li> <li>• Privacy Filter Slot</li> <li>• Microsoft® Windows® 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR<sup>®</sup> 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, MPR-3A, FCC Class B</b>                  Environmental <b>TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</b></p>	 <p style="text-align: center;"><b>ThinkVision L2251p Wide Monitor</b></p>
<p>Preset resolutions <b>VGA: 640x350, 640x480, 720x400</b>  <b>SVGA: 800x600</b>  <b>XGA: 1024x768, 1152x864</b>  <b>SXGA: 1280x1024</b>  <b>WXGA+: 1440x900</b>  <b>UXGA: 1600x1000</b>  <b>WSXGA+: 1680x1050</b>                  Presets / user settings <b>Standard presets: 24; user settings: 20</b></p>	
<p>Viewing adjustments <b>Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand</b>                  Rotating screen <b>Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)</b>                  On screen display <b>On screen display with digital user controls (8 languages)</b>                  Control features <b>Direct access (buttons on front) for automatic image setup</b>                  USB hub <b>None</b>                  Camera <b>None</b>                  Multiple input <b>Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)</b>                  Monitor connectors <b>(1) VGA 15-pin D-shell, analog, blue</b>  <b>(2) DisplayPort, digital, black, <b>HDCP-compliant</b></b>                  Signal cables <b>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</b>  <b>(2) detachable, DisplayPort at each end, digital, 1.8 meter</b>                  Mounting features <b>Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI<sup>®</sup> (100mm mount)</b>                  Security <b>Security keyhole for attachment of optional cable lock (Kensington<sup>®</sup> lock-compatible)</b></p>	
<p>Ship group <b>Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter black power cord</b></p>	

<p style="text-align: center;"><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>↔ <b>3 year limited warranty<sup>4</sup></b></li> <li>↔ <b>International Warranty Service<sup>5</sup></b></li> <li>↔ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>↔ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>↔ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>↔ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>↔ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p style="text-align: center;"><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td style="text-align: right;">45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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<p>Name <b>L2251x Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>2578-HB6</b>                  Panel <b>TFT-LCD, twisted nematic (TN), white LED backlight</b>                  Viewable image size <b>22.0" (559mm) diagonal</b>                  Max view area (W x H) <b>18.7" x 11.7" / 473.8mm x 296.1mm</b>                  Optimum resolution <b>1680x1050 at 60Hz</b>                  Maximum resolution <b>1680x1050 at 75Hz (205MHz max pixel rate)</b>                  Aspect ratio <b>16:10</b>                  Pixel pitch (mm) <b>.282mm</b>                  Dot/Pixel per Inch <b>90 dpi</b>                  Brightness <b>250 nits or cd/m<sup>2</sup> (typical)</b>                  Contrast ratio <b>1000:1 (typical)</b>                  Pixel response time <b>5ms (typical)</b>                  Color gamut <b>68%</b>                  Anti-reflective <b>Anti-reflective, anti-glare</b>                  Vertical frequency <b>50 to 75Hz</b>                  Horizontal frequency <b>30 to 83kHz</b>                  Viewing angle at 10:1 CR <b>170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</b>                  Stand <b>Tilt, swivel, pivot, and height adjustable stand</b>                  Bezel width <b>Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm)</b>                  Dimensions (HxWxD) <b>14.97-19.3" H x 19.92" W x 9.50" D; 380.3-490.3mm H x 506mm W x 241.2mm D</b>                  Power supply <b>21 watts typical, 28 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)</b>                  Weight <b>12.39 lb; 5.63kg</b>                  Limited warranty<sup>4</sup> <b>3 year (includes backlight)</b>                  Available date <b>November 2009</b></p>	<p style="text-align: center;"><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 22-inch monitor with white LED backlight</li> <li>• Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing</li> <li>• Detachable rear stand cable cover and clip to hide cables</li> <li>• Integrated camera (3.0 megapixel) and microphone</li> <li>• Integrated ambient light sensor and a proximity sensor, save more energy and make viewing more comfortable</li> <li>• Low halogen, mercury free, and arsenic free glass, 92% recycled packaging materials</li> <li>• Privacy Filter Slot</li> <li>• Microsoft® Windows® 7 certified</li> </ul>
<p>VESA-compliant<sup>2</sup> <b>VESA DDC2B/CI, VESA DPMS-compliant</b>                  Power management <b>ENERGY STAR<sup>®</sup> 5.0</b>                  Ergonomics <b>ISO 9241-307</b>                  Emission standards <b>MPR-2, MPR-3A, FCC Class B</b>                  Environmental <b>TCO (TCO Certified Edge), WEEE, RoHS, EPEAT™ Gold rating</b></p>	<div style="text-align: center;">  <p><b>ThinkVision L2251x Wide Monitor</b></p> </div>
<p>Preset resolutions <b>VGA: 640x350, 640x480, 720x400</b>  <b>SVGA: 800x600</b>  <b>XGA: 1024x768, 1152x864</b>  <b>SXGA: 1280x1024</b>  <b>WXGA+: 1440x900</b>  <b>UXGA: 1600x1000</b>  <b>WSXGA+: 1680x1050</b>                  Presets / user settings <b>Standard presets: 24; user settings: 20</b></p>	
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 US model announced October 20, 2009

<p>Name <b>L2321x Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>4014-HB6</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>23.0" (584mm)</b> diagonal                  Max view area (W x H) 20.04" x 11.28" / 509.2mm x 286.4mm                  Optimum resolution <b>1920x1080</b>                  Dual screen function Function as two monitors (need both VGA and DisplayPort connected), hardware based solution provides 4 patterns of screen split (2:1, 1:1, 1:2, PIP) 16:9                  Aspect ratio .265mm                  Pixel pitch (mm) 96 dpi                  Dot/Pixel per Inch 250 nits or cd/m<sup>2</sup> (typical)                  Brightness 1000:1 (typical)                  Contrast ratio 5ms (typical)                  Pixel response time 72%                  Color gamut Anti-reflective, anti-glare                  Anti-reflective 50 to 75Hz                  Vertical frequency 30 to 83kHz                  Horizontal frequency 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical                  Viewing angle at 10:1 CR Tilt, swivel, pivot, and height adjustable stand                  Stand Sides: 0.69" (17.6mm); top: 0.72" (18.2mm); bottom: 0.79" (20.1mm)                  Bezel width 14.72-19.05" H x 21.49" W x 9.49" D;                  Dimensions (HxWxD) 373.9-483.9mm H x 545.9mm W x 241.1mm D                  Power supply 24 watts typical, 28 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)                  Weight 14.75 lb; 6.69kg                  Limited warranty<sup>4</sup> <b>3 year</b> (includes backlight)                  Available date July 2010</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 23-inch monitor</li> <li>• 1080p full HD support, HDCP-compliant</li> <li>• Function as two monitors, hardware based solution provides 4 patterns of screen split (2:1, 1:1, 1:2, PIP modes).</li> <li>• Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing</li> <li>• Compliance with ENERGY STAR 5.0</li> <li>• Arsenic free glass</li> <li>• Microsoft® Windows® 7 certified</li> </ul>						
<p>VESA-compliant<sup>2</sup> VESA DDC2B/CI, VESA DPMS-compliant                  Power management ENERGY STAR<sup>®3</sup> 5.0                  Ergonomics ISO 9241-307                  Emission standards MPR-2, FCC Class B                  Environmental TCO (TCO Certified Edge), WEEE, RoHS, <b>EPEAT™ Gold rating</b></p> <p>Preset resolutions NTSC, PAL, 640x350, 640x480, 800x600, 832x624, 960x1080, 1024x768, 1152x864, 1280x1024, 1280x1080, 1366x768, 1440x900, 1680x1050, 1920x1080</p> <p>Dual image resolution (2:1): 1280x1080 + 640x1080                  (1:2): 640x1080 + 1280x1080                  (1:1): 960x1080 + 960x1080                  (PIP): 640x480 in 1920x1080</p> <p>Presets / user settings Presets: 26(VGA), 25(DisplayPort); user settings: 20</p>	 <p><b>ThinkVision L2321x Wide Monitor</b></p>						
<p>Viewing adjustments <i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45°; detachable stand                  Rotating screen <b>Screen pivots 90 degrees from landscape to portrait</b> (requires image rotation support from graphics controller, do not support image rotation under dual image modes)                  On screen display On screen display with digital user controls (8 languages)                  Control features Direct access (buttons on front) for automatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort)                  USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories)                  Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)                  Monitor connectors (1) VGA 15-pin D-shell, analog, blue                  (2) DisplayPort, digital, black, <b>HDCP-compliant</b>                  Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter                  (2) detachable, DisplayPort at each end, digital, 1.8 meter                  Mounting features Wall or desk mounting using the Radial Arm<sup>9</sup> or third-party accessories meeting the VESA FPMPI<sup>®</sup> (100mm mount)                  Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p> <p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord</p>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td>45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
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Limited Warranty	
↪	<b>3 year limited warranty<sup>4</sup></b>
↪	<b>International Warranty Service<sup>5</sup></b>
↪	<b>Rapid Replacement Service at 1-800-426-7378</b>
↪	<b>Replacement normally arrives in two business days, excluding holidays</b>
↪	<b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b>
↪	<b>Service upgrade options:<sup>7</sup></b>
•	<b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)
•	<b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)
•	<b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)
•	<b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)
•	<b>4 year, mail exchange</b> (51J0589)
•	<b>5 year, mail exchange</b> (51J0590)
↪	<b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b>

Accessories	
ThinkVision Soundbar	45K1263
Kensington® MicroSaver® Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a>	
See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a>	

See footnotes for important warranty information  
 US model announced June 10, 2010

<p>Name <b>L2440p Wide Flat Panel Monitor</b>                  Case color <b>Business black</b>                  Type-model <b>4420-HB2</b>                  Panel TFT-LCD, twisted nematic (TN), CCFL backlight                  Viewable image size <b>24.0" (610mm)</b> diagonal                  Max view area (W x H) 20.4" x 12.8" (518.4mm x 324.0mm)                  Optimum resolution <b>1920x1200</b> at 60Hz                  Maximum resolution 1920x1200 at 60Hz (205MHz max pixel rate)                  Aspect ratio 16:10                  Pixel pitch (mm) .270mm                  Dot/Pixel per Inch 94 dpi                  Brightness 300 nits or cd/m<sup>2</sup> (typical)                  Contrast ratio 1000:1 (typical)                  Pixel response time 5ms (typical)                  Color gamut 72%                  Anti-reflective Anti-reflective, anti-glare                  Vertical frequency 50 to 75Hz                  Horizontal frequency 30 to 94kHz                  Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical                  Stand Tilt, swivel, pivot, and height adjustable stand                  Bezel width <i>Sides:</i> 0.78" (19.9mm); <i>top:</i> 0.78" (19.9mm); <i>bottom:</i> 1.12" (28.4mm)                  Dimensions (HxWxD) 15.54-19.87" H x 22" W x 8.04-10.13" D;                  394.8-504.8mm H x 559.6mm W x 204.3-257.3mm D                  Power supply 35 watts typical, 50 watts maximum, &lt;1 watts standby/suspend, universal, integrated (no external brick-like power supply)                  Weight 17.84 lb; 8.09kg                  Limited warranty<sup>4</sup> <b>3 year</b> (includes backlight)                  Available date October 2008</p>	<p style="text-align: center;"><b>Features</b></p> <ul style="list-style-type: none"> <li>• Widescreen 24-inch monitor</li> <li>• Supports WUXGA 1920x1200 resolution</li> <li>• High Definition (HD) ready; supports 1080p video</li> <li>• Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing</li> <li>• Detachable rear stand cable cover and clip to hide cables</li> <li>• Carrying handle</li> <li>• 65% recycled packaging materials</li> <li>• Microsoft® Windows® Vista® Premium certified</li> </ul>
<p>VESA-compliant<sup>2</sup> VESA DDC2B/CI, VESA DPMS-compliant                  Power management ENERGY STAR<sup>®</sup> 5.0                  Ergonomics ISO 13406 Part 2<sup>1</sup>                  Pixel defect ISO 13406-2 Class II pixel defect standard                  Emission standards MPR-2, MPR-3A, FCC Class B                  Environmental TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), <b>EPEAT™ Gold rating</b>, GREENGUARD<sup>®</sup> certified</p>	<div style="text-align: center;">  <p><b>ThinkVision L2440p Wide Monitor</b></p> </div>
<p>Preset resolutions                  VGA: 640x350, 640x480, 720x400                  SVGA: 800x600                  XGA: 1024x768, 1152x864                  SXGA: 1280x1024                  WXGA: 1360x768                  WXGA+: 1440x900                  UXGA: 1600x1200                  WSXGA+: 1680x1050                  WUXGA: 1920x1200                  Presets / user settings Standard presets: 27; user settings: 20</p>	
<p>Viewing adjustments <i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45°; detachable stand                  Rotating screen <b>Screen pivots 90 degrees from landscape to portrait</b> (requires image rotation support from graphics controller),                  On screen display On screen display with digital user controls (8 languages)                  Control features Direct access (buttons on front) for automatic image setup                  USB hub USB 2.0 Hub (1 port into PC, 4 ports for accessories)                  Multiple input Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button)                  Monitor connectors (1) VGA 15-pin D-shell, analog, blue                  (2) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b>                  Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 2.2 meter                  (2) detachable, DVI-D at each end, digital, 2.2 meter                  Mounting features Wall or desk mounting using the Radial Arm<sup>3</sup> or third-party accessories meeting the VESA FPMPI<sup>®</sup> (100mm mount)                  Security Security keyhole for attachment of optional cable lock (Kensington<sup>®</sup> lock-compatible)</p>	<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 2.2 meter analog signal cable, 2.2 meter digital signal cable, 2.2 meter USB cable, 1.8 meter black power cord</p>

<p style="text-align: center;"><b>Limited Warranty</b></p> <ul style="list-style-type: none"> <li>↪ <b>3 year limited warranty<sup>4</sup></b></li> <li>↪ <b>International Warranty Service<sup>5</sup></b></li> <li>↪ <b>Rapid Replacement Service at 1-800-426-7378</b></li> <li>↪ <b>Replacement normally arrives in two business days, excluding holidays</b></li> <li>↪ <b>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></b></li> <li>↪ <b>Service upgrade options:<sup>7</sup></b> <ul style="list-style-type: none"> <li>• <b>3 year, on site exchange, Mon-Fri 9-5 with next day response</b> (ThinkPlus™ part number 41C9209)</li> <li>• <b>3 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9212)</li> <li>• <b>4 year, on site exchange, Mon-Fri 9-5 with next day response</b> (41C9233)</li> <li>• <b>4 year, on site exchange, 7 day x 24 hr with 4 hour response</b> (41C9216)</li> <li>• <b>4 year, mail exchange</b> (51J0589)</li> <li>• <b>5 year, mail exchange</b> (51J0590)</li> </ul> </li> <li>↪ <b>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></b></li> </ul>	<p style="text-align: center;"><b>Accessories</b></p> <table border="0"> <tr> <td>ThinkVision Soundbar</td> <td style="text-align: right;">45K1263</td> </tr> <tr> <td>Kensington® MicroSaver® Cable Lock</td> <td style="text-align: right;">73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td style="text-align: right;">45K1620</td> </tr> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td style="text-align: right;">55Y9258</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	ThinkVision Soundbar	45K1263	Kensington® MicroSaver® Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
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See footnotes for important warranty information  
 US model announced September 17, 2008



ThinkVision® USB Soundbar  
(40Y7616)



ThinkVision Soundbar  
(45K1263)



Lenovo USB-to-DVI Monitor Adapter  
(45K5296)



Lenovo DisplayPort to VGA Monitor Cable  
(57Y4393)

Lenovo DisplayPort to Single-link DVI-D Monitor Cable  
(45J7915)



Kensington® MicroSaver® Cable Lock from Lenovo  
(73P2582)

Kensington Twin Head Cable Lock from Lenovo  
(45K1620)

Lenovo Security Cable Lock  
(57Y4303)



Lenovo Easy Reach Monitor Stand  
(55Y9258)



ThinkCentre Extend Arm  
(57Y4352)

**Monitor Accessories**<sup>46</sup> (all part numbers listed are US option P/N)

Lenovo USB-to-DVI Monitor Adapter **	45K5296	ann 05/12/09
Lenovo DisplayPort to VGA Monitor Cable **	57Y4393	ann 08/04/09
DisplayPort to Single-link DVI-D Cable **	45J7915	ann 08/05/08

\*\* Supports a maximum 1920 x 1200 monitor resolution.

ThinkVision® USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington® MicroSaver® Cable Lock	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
Lenovo Security Cable Lock	57Y4303	ann 08/24/10
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09
ThinkCentre Extend Arm	57Y4352	ann 07/06/10

<sup>46</sup> Compatible on selected Lenovo and ThinkVision monitors.

**Compatibility matrix**

	USB-to-DVI Adapter (45K5296)	DisplayPort to VGA Cable (57Y4393)	DisplayPort to DVI-D Cable (45J7915)	ThinkVision USB Soundbar (40Y7616)	ThinkVision Soundbar (45K1263)	MicroSaver Cable Lock (73P2582)	Twin Head Cable Lock (45K1620)	Security Cable Lock (57Y4303)	Easy Reach Monitor Stand (55Y9258)	Extend Arm (57Y4352)
L1711p	x	x	x		x	x	x	x	x	x
D186		x				x	x	x	x	x
L197	x	x	x	x		x	x	x	x	x
L1900p	x	x	x		x	x	x	x	x	x
L1951p	x	x	x		x	x	x	x	x	x
L2021	x	x	x		x	x	x	x	x	x
L2230x	x	x			x	x	x	x	x	x
L2250p	x	x	x		x	x	x	x	x	x
L2251p	x	x			x	x	x	x	x	x
L2251x	x	x			x	x	x	x	x	x
L2321x	x	x			x	x	x	x	x	x
L2440p	x	x	x		x	x	x	x	x	x
L2461x		x				x	x	x	x	x
<i>End of marketing</i>										
L151	x	x		x		x	x		x	
L151p	x	x	x	x		x	x		x	
L171	x	x		x		x	x		x	
L171p	x	x	x	x		x	x		x	
L172	x	x		x		x	x		x	
L174	x*	x	x	x		x	x		x	
L1700p	x	x	x	x		x	x		x	
D185	x	x	x		x	x	x		x	
L190x	x	x	x	x		x	x		x	
L191	x	x		x		x	x		x	
L192p	x	x	x	x		x	x		x	
L193p	x	x	x	x		x	x		x	
L194	x	x	x	x		x	x		x	
L1940p	x	x	x	x		x	x		x	
L200p	x	x	x	x		x	x		x	
L201p	x	x	x	x		x	x		x	
L2060	x	x	x			x	x	x	x	x
L215	x	x	x		x	x	x		x	
L215p	x	x			x	x	x		x	
L220x	x	x		x		x	x		x	
L2240p	x	x	x	x		x	x		x	
L2440x	x	x	x		x	x	x		x	

\* Character "x": option supported on monitor

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

Other accessories at [www.lenovo.com/accessories](http://www.lenovo.com/accessories)

Accessories Guide pdf at [www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)



**Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

**Warranty:** For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

<sup>1</sup> **ISO-compliant:** Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.

<sup>2</sup> **VESA:** Requires attachment to suitably configured system with similarly enabled operating system.

<sup>3</sup> **ENERGY STAR:** As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 or 4.1 guidelines for energy efficiency. Requires attachment to suitably configured system.

<sup>4</sup> **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

<sup>5</sup> **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

<sup>6</sup> **Lenovo pays all shipping costs** for warranty repairs during limited warranty period.

<sup>7</sup> **ThinkPlus and Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

<sup>8</sup> **Telephone support** may be subject to additional charges, even during the limited warranty period. In the United States call 1-800-426-7378. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

<sup>9</sup> **Radial Arm Kit:** Designed for business environment; radial arm must be installed in accordance with instructions provided.

<sup>10</sup> **TAA:** Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

<sup>11</sup> **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

<sup>12</sup> **Halogen:** Less than 900 Parts Per Million. Low halogen is defined in accordance with IPC-401B and draft IPC-J-STD 709 Class 1 requirements.

# ThinkVision®

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Visit [www.lenovo.com/psref](http://www.lenovo.com/psref) for the latest version of Personal Systems Reference.

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February 2011  
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