HP ProLiant ML115 G5 Server

Data sheet

Empower your business with an affordable, ready-to-grow server based on the reliable HP ProLiant platform and powered by AMD processors.

Keep your business moving – and stay on budget

To keep your business moving forward, you need servers that are reliable, versatile and easy to manage. To keep pace with changing IT demands, your business needs servers that allow you to add capacity and deploy upgrades quickly.

With the HP ProLiant ML115 G5 server you get all of this without upsetting your budget. This entry-level server provides a resource-efficient computing solution designed to meet both the IT and the budgetary requirements of your business.

Reliability and versatility

An affordable, functional server, the ProLiant ML115 G5 brings you the proven reliability of ProLiant technology and the latest Quad-Core AMD Opteron™ processors, Dual-Core AMD Opteron™, Dual-Core and Single-Core AMD Athlon™ processors, and Single-Core AMD Sempron™ processors. This expandable, ready-to-grow server includes one PCI and three PCI-Express slots, four DIMM slots, and four bays for hard disk drives.

'The new HP ProLiant ML115 G5 tower server based on AMD Opteron™ processors with DDR2 provides outstanding performance-per-watt.'
Randy Allen,
Corporate Vice President,
Server and Workstation Division, AMD

With its versatile configurations, the ProLiant ML115 G5 is ideal for a wide range of business needs. This is a good server for file and print serving, Web messaging, business applications and databases, and shared Internet access and LAN infrastructure. With its optional, cost-effective HP ProLiant Lights-Out 100c Remote Management Card, the ProLiant ML115 G5 is a good choice for remote sites, branch offices, or only managing from home as well.

Key features and benefits

Proven HP dependability and support

- HP has built a reputation of dependability by conducting some of the most rigorous and thorough testing in the industry.

- Quality starts with design and is fine-tuned during manufacturing.

- For additional performance and enhanced data security features, the ProLiant ML115 G5 offers Serial ATA (SATA) RAID 0, 1 and 5 from the embedded system board controller.

Expandable to grow with changing business needs

- This powerful, yet simple platform provides all relevant server features in an easy-to-use and easy-to-afford package.

- With Quad-Core AMD Opteron™ processors, Dual-Core AMD Opteron™, Dual-Core and Single-Core AMD Athlon™, and Single-Core AMD Sempron™ processors, DDR II ECC memory, PCI and PCI-Express slots, serial port, four hard disk drive bays, and eight USB 2.0 ports, the ProLiant ML115 G5 delivers both off-the-shelf functionality and easy expandability for your business.

HP Services

When Technology Works. Business Works

The challenge of virtually every IT organisation is similar: To develop and maintain an agile, efficient server infrastructure that delivers the service levels your business needs.

HP Technology Services offer a comprehensive range of HP Care Pack Services to help design, deploy, manage and support your IT environment, enabling cost-effective upgrades to standard warranty with easy-to-buy, easy-to-use support packages.

Minimum Recommended HP Care Pack services

- Three-year, next-business-day response on-site 9-hour x 5-day coverage, hardware support

- Hardware Installation only

Enhanced service level Care Pack services

- Three-year same-business-day 4-hour response on-site 13-hour x 5-day coverage, hardware support

- Hardware Installation plus operating system installation and start-up

Benefit from HP Care Pack Services helping you:

- Reduce deployment time and manage ProLiant server solutions smoothly and efficiently

- Increase uptime and performance of servers availability to your business

- Detect, diagnose and repair problems to quickly save time, money and resources

For more information visit:
www.hp.com/services/proliantservices or
www.hp.com/go/proliant/carepack

HP ProLiant ML115 G5 Server

Processor and memory	
Number of processors	1
Processors supported	Quad-Core AMD Opteron™ processors:
	Model 1354, 2.2 GHz, 2MB
	Model 1352, 2.1 GHz, 2MB
	Dual-Core AMD Opteron™ processors:
	Model 1222, 3.0 GHz, 2MB
	Model 1218, 2.6 GHz, 2MB
	Model 1214, 2.2 GHz, 2MB
	Model 1210, 1.8 GHz, 2MB
	Dual-Core and Single-Core AMD Athlon™ processors:
	Model 4450B, 2.3 GHz, 1MB
	Model 1640B, 2.7 GHz, 512KB
	Single-core AMD Sempron™ processor:
	Model LE 1250, 2.2 GHz, 512KB
Processor cores	Single, dual and quad core
Cache	2MB Level 2 cache (AMD Opteron™ series)
	1MB Level 2 cache (AMD Athlon™ 4450B models)
	512KB Level 2 cache (AMD Athlon™ 1640B models)
	512KB Level 2 cache (AMD Sempron™ LE 1250 models)
Maximum processor speed	3.0 GHz
Memory type	PC2-6400 unbuffered DDR2 ECC 800 MHz
Standard memory	512 MB
Maximum memory	8 GB
Memory protection	ECC
I/O slots	Four total I/O slots: one 3.3V PCI and three PCI Express (1x1, 1x8 and 1x16)

Storage	
Storage type	Non-hot plug 3.5-inch SAS
	Non-hot plug 3.5-inch SATA
Drives supported	Up to 4:
	Non-hot plug LFF SAS 15K 450/300/146/72 GB
	Non-hot plug LFF SAS 10K 400 GB
	Non-hot plug LFF SATA 7.2K 750/500/250/160 GB
Maximum Internal Storage	1.8 TB SAS; 3.0 TB SATA
Maximum internal drives	4
Removable media bays	2
Expansion slots	4
Storage controller	SATA Models: Integrated 6 ports SATA controller with embedded RAID (4 ports available for Hard Disks)
	SAS Models: HP SC40Ge Host Bus Adaptor with RAID 0, 1 support, FIO

Operating systems	
OS choices	Microsoft Windows Server 2003 R2
	Microsoft Windows Small Business Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Small Business Server 2008
	Microsoft Windows Essential Business Server 2008
	Red Hat Enterprise Linux
	SUSE Linux Enterprise Server

For additional OS information, please visit **www.hp.com/go/ossupport**

Technical specifications (continued)

Deployment	
Form factor	Tower with rack-mount option kit
Ports	8 total (4 rear, 2 front panel, 2 internal (one for USB Tape connectivity)
Rack height	4U
Networking	Embedded NC105i Express Gigabit Ethernet Server Adaptor
Remote management	Standard IPMI 2.0 reporting Lights-Out 100c Remote Management Card (optional)
Redundant power supply	Not available
Redundant fans	1-Non-redundant system fan shipped standard 1-Non-redundant CPU heat sink fan shipped standard
Warranty (parts/labour/on-site)	Standard: 1-year/1-year/1-year Asia Pacific (excluding Japan): 3-year/1-year/1-year)

For additional technical specifications and ordering information, please visit the ProLiant ML115 G5 QuickSpecs at:
http://h18004.www1.hp.com/products/quickspecs/13013_div/13013_div.html

A true server at a desktop price

- The ProLiant ML115 G5 is designed from the ground up as a true server, providing reliability and expandability for your business.

- The optional ProLiant Lights-Out 100c Remote Management Card delivers remote management functionality at a cost-effective price.

- For an enhanced computing solution, the ProLiant ML115 G5 is available with USB DAT tape drives for value-based backup, UPS options for enhanced security, and an optional drive key through front USB or internal USB connectivity for ease of booting.

Financial services

HP Financial Services provides innovative financing and financial asset management programmes to help customers cost-effectively acquire, manage and ultimately retire their HP solutions. For more information on these services, please contact your local HP representative or visit:
www.hp.com/go/hpfinancialservices

For more information

For more information on the HP ProLiant ML115 G5 server, contact your local HP representative, or visit:
www.hp.com/servers/ml115-g5

Technology for better business outcomes

To learn more, visit www.hp.com/servers/ml115-g5