HP ProLiant ML370 Generation 5 Server
Data sheet

High-end performance with improved scalability for the rapidly growing enterprise

Engineered for improved system expansion and serviceability, the HP ProLiant ML370 Generation 5 (G5) Server provides outstanding performance in a two-processor expansion server. In fact, it consistently ranks at the top of TPC-C benchmarks for performance and price/performance. Now available with dual-core Intel® Xeon™ processors that deliver performance gains for multi-thread applications, the ML370 server is ideal for today's increasingly demanding compute environments.

The flagship HP ML370 G5 provides leading management, performance and availability in a dual processor expansion server engineered to excel in a variety of environments—from corporate work groups in growing businesses to critical remote sites requiring continuous accessibility and uptime.

Key features and benefits

- Proven performance with dual-core Intel Xeon processors for demanding scale-out applications

- Designed for flexibility and expansion allowing customers room to grow as their business grows.

- Powerful HP Integrated Lights-Out technology embedded allowing customers the ability to manage their servers anytime, anywhere.

- Enterprise-class redundancy with optional hot plug fans and power supplies providing maximum uptime.

Industry-leading management, performance, and availability in a dual processor expansion server that is ideal for a variety of environments—from corporate work groups in growing businesses to critical remote sites requiring continuous accessibility and uptime.

HP's Integrated Lights-Out remote management and Systems Insight Manager software enable continuous access from anywhere, making the ML370 a perfect fit for remote deployments.

Ideal environments

A variety of environments—from corporate work groups to critical remote sites:

- Engineered to optimize system performance and ease of serviceability
- Large internal storage capacity for everything from web applications to databases
- 24/7 accessibility using HP Integrated Lights-Out (iLO) with either shared or dedicated network access to remote sites

Growing businesses with expandability requirements:

- Mixture of PCI-X and PCI-Express I/O slots allows users to choose the expansion card technology
- 8-bay standard drive cage provides up to 576 of storage (8x72 GB) and the 8-bay optional drive cage can add more than 576 GB of extra data space (8x72 GB)
- Plenty of space for internal tape backup

Critical remote sites:

- Manage seamlessly from anywhere, anytime with iLO and HP Systems Insight Manager (SIM)
- Monitor and maintain all your ProLiant servers with SIM
- Enterprise-class redundancy features provide best in class availability and uptime for critical applications

Benefits of the HP ProLiant ML370 Generation 5 Server

- **Continuous access—from anywhere.** Industry-leading management solutions such as iLO and SIM software allow you to manage all your ML370 servers seamlessly, from anywhere, making it the ideal server for remote deployments.

- **Enterprise-class redundancy.** For reliability and uptime, you can always trust ProLiant servers. The ML370 G5 server enhances availability with a 3 + 3 hot plug fan design that provides redundant cooling in multiple zones. Two processors and redundant power supplies deliver high availability and high-performance system processing.

- **Headroom for growing businesses.** With its flexible architecture, the ML370 G5 server provides versatility and plenty of room for expansion to satisfy a full spectrum of solutions, including virtualization projects. Can configure up to 16 Serial Attached SCSI Small Form Factor (SFF) drives to provide more than 1 TB of storage space and 16 DIMM slots supporting up to 64 GB of memory. In addition for customers' data archiving needs, the ML370 server offers plenty of space for internal tape backup.

HP ProLiant ML370 Generation 5 Server

Processors	Up to two • Dual-Core, Intel Xeon Processor 5160, 3.00 GHz, 1333 MHz Front Side Bus (FSB) • Dual-Core, Intel Xeon Processor 5150, 2.66 GHz, 1333 MHz FSB • Dual-Core, Intel Xeon Processor 5140, 2.33 GHz, 1333 MHz FSB • Dual-Core, Intel Xeon Processor 5130, 2.00 GHz, 1333 MHz FSB • Dual-Core, Intel Xeon Processor 5120, 1.86 GHz, 1066 MHz FSB • Dual-Core, Intel Xeon Processor 5110, 1.60 GHz, 1066 MHz FSB • Dual-Core, Intel Xeon Processor 5080, 3.73 GHz, 1066 MHz FSB • Dual-Core, Intel Xeon Processor 5060, 3.20 GHz, 1066 MHz FSB • Dual-Core, Intel Xeon Processor 5050, 3.00 GHz, 1667 MHz FSB
Cache	5100 series: 4 MB (1x4 MB L2 cache) 5000 series: 4 MB (2x2 MB L2 cache)
RAM standard/maximum	1 GB/64 GB
RAM type/speed	PC2-5300 ECC DDR2 SDRAM 667 MHz
Maximum Internal Storage	Hot Plug Serial-Attached SCSI (SAS)—Small Form Factor (SFF) 576 GB—8 x 72 GB with standard 8-bay hot plug Serial SCSI/ATA drive cage 1.15 TB—16 x 72 GB with optional 2nd SAS drive cage
Storage controller	Smart Array P400 Controller. *NOTE: With 256 MB memory module supports RAID 0/1/5.* Available upgrades: 512 MB memory module for RAID 0/1/5/6, battery for battery-backed write cache (BBWC). or Smart Array E200 Controller. *NOTE: With 64 MB memory module supports RAID 0/1 configurations.* Available upgrades: 128 MB memory module for RAID 0/1/5, battery for battery-backed write cache (BBWC).
Media bays	Two open half-height media bays; supports full height internal tape drive
Memory protection	Advanced ECC, Online Spare and Mirroring. *NOTE: Mirroring requires optional 2nd memory card.*
Form factor	Tower or 5U rack
Expansion slots	6 x PCI Express 2 x 64-bit 133 MHz PCI-X
Operating systems supported	Microsoft® Windows® Server 2003, Microsoft Windows 2000 Server, Novell NetWare, Linux® (Red Hat, SUSE), VMware Virtualization Software
Warranty	3-year parts, 3-year labor, 3-year on-site

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Support	HP Services provides continuous care and support expertise with committed response designed to meet your IT and business needs.

To fully capitalize on your HP ProLiant servers' capabilities requires a service partner who thoroughly understands your server technology and systems environment. HP Services, an industry leader in provision of multi-vender support solutions, provides a range of support services designed to meet the varying needs of business. Whether a small or medium organization or large global corporation, HP has ProLiant server HP Care Pack support to help you speedily deploy and maximize system uptime.

HP Care Pack Services cost-effectively upgrade or extend your standard warranty with easy-to-buy, easy-to-use support packages. They reduce downtime risks with support levels that range from basic to mission-critical.

Enhanced Care—continuous work-through for problem resolution
ProLiant ML370—3-year 13x5 same-business-day 4 hour response coverage

Continuous Repair—increase IT performance and availability
ProLiant ML370 - 3 year 24x7 same-business-day 4 hour response coverage

Committed Repair—increase IT performance with a repair-time commitment that ensures maximum availability
ProLiant ML370—3-year 24x7 same-business-day with 6-hour commitment from call-to-repair

Deployment Services—HP Installation and Start Up services designed to take time, risk, and worry out of the deployment of ProLiant servers—and free your IT Team to focus on what they do best, meeting your business needs. *ProLiant ML370 Installation and start up* HP Care Pack Services are available for purchase along with your ProLiant ML370 server.

For more information visit: **www.hp.com/services/proliantservices and www.hp.com/go/proliant/carepack** |
| **Financial services** | HP Financial Services provides financing and financial asset management programs. For more information, contact your HP representative or visit **www.hp.com/go/hpfinancialservices**. |
| **For more information** | For more information about the HP ProLiant ML370 G5 Server, visit **www.hp.com/servers/proliantml370**. |

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