

HP ProLiant ML150 Generation 3 Server

Data sheet



The affordable HP ProLiant ML150 Generation 3 (G3) Server is a high value solution for small to medium businesses that need the power to handle today's problems with expandability for future growth. Dual processor capability combined with the latest Intel® Xeon® dual-core processors give the ML150 G3 Server the performance you need now, with the headroom for small to medium organization growth and expansion plans. Every ML150 G3 Server is a true ProLiant—meaning HP's proven ProLiant reliability makes every day operation worry free.

Key features and benefits

The industry-standards-based ML150 G3 Server easily integrates into existing IT environments and offers expansion capabilities that accommodate the evolving needs of a growing business. The ML150 G3 is also available with optional remote management capability via the new ML150 G3 Lights-Out 100 Remote Management Card. This entry-level remote management solution helps SMB customers maximize server availability and minimize support costs with remote access to system resources that helps customers to diagnose, respond to and even resolve system issues from any location.

- Easily accommodates your evolving business needs
- Provides essential performance and expansion capabilities for growing businesses
- Delivers proven ProLiant server reliability that makes everyday business tasks "worry free"
- Enables customers to plug into expertise and capabilities from a quality brand

The HP ProLiant ML150 G3 Server is a remarkable value for workgroups or small-to-medium businesses that need dependable server performance and trusted service and support.

The HP ProLiant ML150 G3 Server is also available with optional remote management capability, enabling you to control your system resources from any location.

Ideal environments and applications

The ML150 G3 Server is ideal for both small and medium environments and corporate workgroups and remote locations.

Small and medium organizations

- Excellent server performance at a highly affordable price
- Reliable server design you can bet your business on
- Highly expandable chassis allows plenty of room for growth
- Low-cost backup solutions

Corporate workgroups or remote locations

- Entry-level, dual-processor server solution for budget-conscious corporations
- A limit to network downtime, with hot-pluggable hard disk drives and optional RAID controllers
- Optional, industry-standard remote manageability to manage remote locations
- A variety of service options from HP to tailor support solutions

Ideal applications

- File and print
- Small or medium e-mail
- Small vertical applications or databases
- Shared Internet access and LAN infrastructure

Accommodates your evolving business needs

Performance, manageability, and expandability at an aggressive price

The ML150 G3 Server is designed with value in mind. Basic server characteristics, coupled with ample expansion capabilities facilitate excellent server performance both today and tomorrow. A full range of options and expansion slots means that growing small businesses can expand their server as their needs grow. For example, a business can expand the server from one processor to two for increased computing power, and from the basic embedded hard disk drive (HDD) controller to a dedicated HDD controller card for increased data security. Delivering appropriate server functionality at an aggressive price point, the ML150 G3 is a remarkable value for a growing organization.

Built upon industry standards

The ML150 G3 Server provides IT investment protection for workgroups or small-to-medium organizations. It fits effortlessly into existing and future IT infrastructures by integrating only the latest industry-standard technologies into its design. Industry-standard technologies, combined with HP engineering expertise, ensure the ML150 G3 functions to the expectations of small business.

With an entry-level price point, these affordable tower servers grow with your business.

Essential performance and expandability

Affordable technology for tough business problems

The ML150 G3 Server is an ideal server for organizations that require dual-processor performance at an entry-level price point. Packed with industry-standard technologies, the ML150 G3 provides the power needed to tackle your demanding business applications, such as:

- File and print
- E-mail
- Shared Internet access
- Small or medium database
- Small workgroup applications

Expands as the organization grows

The ML150 G3 is a (5U) tower server that is expandable to grow with your needs. With room for two Intel Xeon processors, six I/O adapter cards, four memory slots and six hard disk drives, the ML150 G3 expands to meet the demands of your growing business.

Proven HP ProLiant server reliability

Protection for vital business information

The ML150 G3 has options and features that address concerns for data integrity. Utilizing HP's Universal hot-plug capable hard disk drives, available upgrades to SAS technology, and optional RAID controllers, the ML150 G3 is designed to keep data secure and available.

The most trusted server platforms in the world

Rigorous HP ProLiant server design, test, and manufacturing processes create reliable server platforms trusted by more businesses around the world. Quality starts with design and is optimized in manufacturing. Tireless work on system testing and process control helps ensure that only the most dependable products reach the customer.

Expertise and capabilities from HP

Trusted service and support

The ML150 G3 is backed by world-class HP service and support. HP offers a variety of options to tailor support solutions to individual customer requirements. With the ability to provide integrated infrastructure solutions, HP helps you address gaps in internal staff and capabilities. HP wants small businesses to be able to focus on their business, not worry about IT—HP is here to help.

Simple solutions for the budget conscious

HP has the resources to help you effectively manage your IT total cost of ownership. The ML150 G3 Server is easy to purchase and own. Servers can be purchased either from a trusted reseller or directly from HP.

Strong partners and portfolio

HP's alliances with major operating systems and application vendors help to ensure robust solution operations. Strong relationships with component providers deliver support for dependable, cost-effective configurations.

From printers to database servers, HP has the broadest and most diverse technology offering of any server vendor. Let HP expertise help you to create a complete IT-enabled workgroup or small-to-medium business.

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Technical specifications

Processors	Dual-core Intel Xeon Processor 5000 Sequence or Dual-core Intel Xeon Processor 5100 Sequence.
Cache	Integrated 2X2MB L2 cache (5000 Series) or 1X4MB L2 cache (5100 Series)
RAM standard/maximum	512 MB/8 GB
Hard drive capacity	Up to 6 universal SAS or SATA hard disc drives
Network controller	Embedded HP NC7781 Gigabit Server Adapter 10/100/1000 Wake on LAN (WOL)
Storage controller	One of the following, depending on model: Embedded SATA controller or HP 8 Internal Port SAS Host Bus Adapter with RAID
Form factor	Tower (5U) or rack (via rack mount conversion kit)
Expansion slots	32-bit PCI slot 3.3V, (3) 64-bit PCI-X 100 MHz slots, (2) PCI-Express slots (x4, x8), (1) Lights-Out 100 card slot
Operating systems supported	Microsoft® Windows® 2000 Microsoft Windows 2003 Server, Standard Edition (available preinstalled) Microsoft Windows Small Business Server 2003 (available preinstalled) Red Hat Linux, SCO Linux®, SUSE Linux. <i>Note: For an up-to-date listing of the latest ProLiant ML150 G3 Server operating system support matrix, visit www.hp.com/go/supportos.</i>

Support	<p>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 an SMB or large global corporation HP has a ProLiant server support offer to help you speedily deploy and maximize system uptime.</p> <p>HP recommends the following services for HP ProLiant ML 150 G3 servers: <i>For Extended Care</i>—Minimum recommended service support offer designed to ensure customers have access to expert assistance, whenever they need it. <i>HP ProLiant ML150—3-year 9x5 next business day coverage</i></p> <p><i>For Committed Care</i>—Cost-effective service options designed to extend HP Services committed response and designed to speed problem resolution. <i>HP ProLiant ML150—3-year 13x5 same business day 4-hour response coverage</i></p> <p><i>Delivering round the clock Committed Response</i>—Highest HP Support service level recommend to help increase IT performance and availability with comprehensive, consistent hardware support services. <i>HP ProLiant ML150—3-year 24x7 same business day 4 hour response coverage</i></p> <p><i>For help with server deployment</i>—HP Installation services designed to take time, risk, and worry out of the deployment of your ProLiant servers—and free your IT support staff to focus on what they do best, your business. <i>HP ProLiant ML150—Installation</i></p> <p>Customers can enhance the performance and availability of software by utilizing HP software support services for HP ProLiant Essentials, Microsoft, VMware, major Linux distributions, and open source software such as JBoss and MySQL. HP Care Pack and subscription services offer customers the expertise of HP engineers for technical software support plus the flexibility of software updates and software license management. HP fixed-price Care Pack services allow you to maximize server utilization and performance with fewer resources. HP offers several combined hardware and software services designed to support customers with resolution of more complex interoperability issues.</p> <p>HP Education, classroom and web-based training courses are available for ProLiant systems and related software, storage, and network solutions that enable customers' IT teams to quickly and efficiently gain the skills to implement ML server-based solutions.</p> <p>Learn more, visit: www.hp.com/services/proliantservices</p>
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Technology services	HP Technology Services provides a range of services to commercial and enterprise customers. For more information, contact your HP sales representative or visit www.hp.com/hps/support .
Financial services	HP Financial Services provides financing and financial asset management programs. For more information, contact your HP sales representative or visit www.hp.com/go/hpfinancialservices .

For more information	<p>For more information about the HP ProLiant ML150 G3 Server, visit www.hp.com/servers/proliantml150.</p> <p>The HP ProLiant legacy of trusted reliability and price/performance leadership has made it the number 1 selling platform for business. HP ProLiant servers are consistently first with innovations, based on standards and engineering excellence, that extend business competitive advantage and simplify ownership. HP ProLiant technology helps customers manage the cost of change and delivers end-to-end value every day, from initial purchase through the life of the product.</p> <p>The HP ProLiant server line offers a wide choice of platforms, along with storage and infrastructure options, software, services, and purchase and delivery options designed to provide the right technology at the right price for small business to large data centers.</p>
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For more information, visit www.hp.com/servers/proliantml150.

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