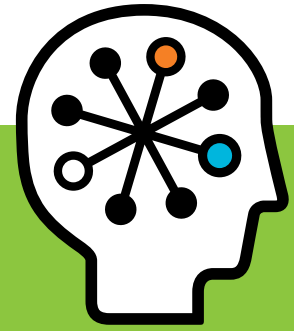




# HP ProLiant ML110 G6 Server

Data sheet



Affordability, reliability, and simplicity make HP ProLiant ML110 G6 the perfect first server for growing businesses.

Are you using your desktop as a server? If yes, then it is time for a change. A growing business like yours, with its limited IT support, needs a server that is compact and suits your budget—and also one that you can remotely manage.

The HP ProLiant ML110 G6 Server delivers true server reliability and functionality for growing businesses, branch offices, and remote locations—all for the price of a typical desktop computer.

## Get an affordable server with reliable performance

Going beyond the proven ProLiant reliability, the ML110 G6 server is powered by the latest Intel® Xeon® 3400 series processors and DDR3 memory, which together enhance performance. A mix of PCI and PCI-Express (PCI-X) slots, DIMM slots, drive bays, and server options help deliver the expandability that your growing business needs.

The integrated Trusted Platform Module (TPM) is an added advantage that brings further security to your IT architecture. RAID promotes enhanced data integrity and better performance. Support for an energy-efficient power supply and integrated HP Lights-Out 100i (LO100i) remote management bring down operational expenses by reducing the number of physical visits to the server site—making it a practical and affordable solution.

## Key features and benefits

### Proven HP dependability and support

- HP conducts some of the most rigorous and thorough testing in the industry. This testing, along with a worldwide network of HP service professionals, allows you to deploy the ML110 G6 server with confidence.
- The ML110 G6 server incorporates ProLiant reliability. Tireless efforts on system testing and process control help ensure that the most dependable products reach you.

### **Easy to expand and grow with changing business needs**

- Delivers off-the-shelf functionality and expandability to grow with your business with features such as DDR3 memory, SAS and SATA hard drives, PCI and PCI Express slots, and USB 2.0 ports
- Requires less upfront investment due to the server's modular design; and offers an easy-to-use and easy-to-configure platform because all major server components can be removed or re-installed with reduced effort
- Helps remote locations or branch offices reduce server downtime and improve productivity with LO100i remote management card
- For more information on LO100i, please visit: <http://h18004.www1.hp.com/products/servers/management/remotemgmt/lightout100i-advanced/index.html>

### **A true server at a desktop price**

- Compact and simple design for better manageability and low-cost expansion
- Efficient power usage and remote management to reduce overall operational costs
- Improved processor and memory performance for better results

### **Proven ProLiant reliability and data protection**

- ECC memory helps protect your business from data loss and unplanned system downtime. Unlike standard memory, ECC memory can detect and correct single-bit errors.

- Smart Array options provide businesses with RAID mirroring and striping capabilities to protect critical data.
- The TPM hardware-based encryption and authentication feature provides increased data security.
- ProLiant 100 series servers have customizable features suitable for varying usage needs of small businesses and branch offices.

## **Is the ML110 G6 server suitable for you?**

Here is a quick checklist that will help you decide if the ML110 G6 server is the right solution for you.

### **Remote sites or branch offices of small- to medium-sized businesses running light applications, such as:**

- File and print
- Web messaging
- Small vertical applications or databases
- Shared Internet access and LAN infrastructure

### **Budget-conscious businesses with the need for:**

- An entry-level, single-processor, server solution that is easy-to-use and easy-to-configure
- A reliable server that can protect your data 24/7
- A rack-mountable server that helps save data center space
- An affordable server that can be remotely managed and controlled
- An expandable server that can grow with your business needs



## Processor and memory

<b>Processor family</b>	Intel Xeon 3400 Series
<b>Number of processors</b>	1
<b>Maximum number of cores</b>	4
<b>Processors supported</b>	x3430, x3440, x3450, x3460
<b>Processor cores</b>	Quad-core
<b>Cache</b>	8MB Intel Smart Cache
<b>Maximum processor speed</b>	2.80 GHz
<b>Memory type</b>	PC3-10600E DDR3
<b>Memory slots</b>	4 DIMM slots
<b>Standard memory</b>	2GB or 4GB, depending on model
<b>Maximum memory</b>	8GB
<b>Advanced memory protection</b>	Unbuffered ECC

## Storage

<b>Storage type</b>	<ul style="list-style-type: none"> <li>• Non-hot-plug 3.5-inch SAS</li> <li>• Non-hot-plug 3.5-inch SATA</li> </ul>
<b>Drives supported</b>	SAS, SATA
<b>Maximum internal storage</b>	3TB
<b>Maximum internal drives</b>	4
<b>Removable media bays</b>	2
<b>Expansion slots</b>	4 slots: <ul style="list-style-type: none"> <li>• Slot 1: PCI-e Gen 1, x1 (x4 connector), full-height and half-length</li> <li>• Slot 2: PCI 32-bit/33 MHz at 3.3V, full-height and full-length</li> <li>• Slot 3: PCI-e Gen 1, x4 (x8 connector), full-height and full-length</li> <li>• Slot 4: PCI-e Gen 2, x16 (x16 connector), full-height and full-length</li> </ul>
<b>Storage controller</b>	<ul style="list-style-type: none"> <li>• Integrated 6-port SATA controller (4 ports available for hard disks)</li> <li>• Smart Array P212</li> </ul>

## Operating system

<b>OS choices</b>	<ul style="list-style-type: none"> <li>• Microsoft® Windows® Server</li> <li>• Red Hat Enterprise Linux</li> <li>• SUSE Linux Enterprise Server</li> </ul> For additional information, please visit: <a href="http://www.hp.com/support/ML110G6">http://www.hp.com/support/ML110G6</a>
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## Deployment

<b>Form factor</b>	Tower with rack mount option kit
<b>Rack height</b>	4U
<b>System fans</b>	Standard
<b>Power supply</b>	Standard 300-watt non-hot-plug, non-redundant power supply (80% efficiency)
<b>Graphics card</b>	64MB; supports all display resolutions up to 1600 x 1200 @ 75Hz
<b>Networking</b>	Embedded NC107i Express Gigabit Ethernet Server Adapter
<b>Remote management</b>	<ul style="list-style-type: none"> <li>• Standard IPMI 2.0 reporting</li> <li>• Integrated HP ProLiant 100 G6 Lights-Out 100i Remote Management Card</li> <li>• Standard HP ProLiant ML110 G6 Easy Setup CD</li> </ul>
<b>Warranty (parts/labor/onsite)</b>	<ul style="list-style-type: none"> <li>• Worldwide, except Brazil: 1-year/1-year/1-year</li> <li>• Brazil only: 3-year/1-year/1-year</li> </ul>

## Financial Services

HP Financial Services provides innovative financing and financial asset management programs to help you cost-effectively acquire, manage, and ultimately retire your HP solutions. For more information, contact your local HP representative or visit:

[www.hp.com/go/hpfinancialservices](http://www.hp.com/go/hpfinancialservices)

## For more information

For more information about the HP ProLiant ML110 G6 Server, contact your local HP representative or visit:

[www.hp.com/servers/proliantml110](http://www.hp.com/servers/proliantml110)

## HP Services

### When technology works, business works

The challenge of virtually every technology organization is similar: to develop and maintain an agile and efficient server infrastructure that delivers the service levels the business needs.

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

### Minimum recommended HP Care Pack offerings

- Three-year, next-business-day response, onsite 9-hour x 5-day coverage, hardware support
- Hardware installation only

### Enhanced service-level HP Care Pack offerings

- Three-year, same-business-day, four-hour response, onsite 13-hour x 5-day coverage, hardware support
- Hardware installation plus operating system installation and startup

### Benefit from HP Care Pack Services

- Reduce deployment time and manage ProLiant server solutions smoothly and efficiently
- Increase uptime and performance of server availability
- Detect, diagnose, and resolve problems to save time, money, and resources

For more information, please visit:

[www.hp.com/services/proliantservices](http://www.hp.com/services/proliantservices)

[www.hp.com/go/proliant/carepack](http://www.hp.com/go/proliant/carepack)



## Get connected

[www.hp.com/go/getconnected](http://www.hp.com/go/getconnected)

Current HP drivers, support & security alerts delivered directly to your desktop

## Technology for better business outcomes

To learn more, visit [www.hp.com/servers/proliantml110](http://www.hp.com/servers/proliantml110)

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