

HP ProLiant DL140 G3 server

Data sheet



The HP ProLiant DL140 G3 server is an affordable 1U, dual processor-capable server equipped with essential performance features that provide customers with a platform to design a fully optimized solution. It is ideal for general purpose and high performance computing.

The third generation of the DL140 has an array of robust features which set it apart from previous generations and the competition. With a maximum of 16 GB of memory, dual processors, and support for both Serial ATA (SATA)

and Serial Attached SCSI (SAS) hard drives, the DL140 has the flexibility and scaling that you need to meet your computing requirements.

The DL140 G3 server also offers:

- Up to two dual-core Intel® Xeon® 5000 and 5100 series processors
- Up to 16 GB PC2-5300 Fully Buffered DIMMs (DDR2-667)

The HP ProLiant DL140 Generation 3 server provides a robust set of features and functionality. From dual processor capabilities to 16 GB of memory to support for both SATA and SAS hard drives, the DL140 G3 is the flexible and scalable solution for your environment.

- Up to two:
 - Non-Hot Plug Serial ATA (SATA) 3.5" hard drives; or
 - Hot Plug Serial ATA (SATA)/Serial Attached SCSI (SAS) 3.5" hard drives
- HP Embedded SATA RAID Controller (Non-Hot Plug SATA Models)
- HP 8 Internal Port SAS HBA with RAID 0, 1, 10 (Hot Plug SATA/SAS Models)
- PCI-Express and PCI-X (optional) expansion slots
- HP Lights-Out 100i Remote Management for remote server management functionality
- Four USB ports: (2) ports up front; (2) ports in back
- Tool-free chassis

Key features and benefits

- **Easy-to-own**—Exceptional value and easy-to-own through industry standard tools and components
 - Affordable pricing for a well-featured dual processor system
 - Easy to set-up, maintain and troubleshoot with industry standard management tools from your choice of leading operating system vendors
 - Rack-optimized, 1U form-factor for fast deployment and efficient maintenance of large-scale cluster solutions
 - Easy-access chassis and internal component labels make maintenance and expansion fast and simple
- **Right-sized solution**—Expandable performance through the latest industry standard technologies designed to maximize processing throughput and dependability at a low cost
 - Choice of the latest dual-core Intel Xeon 5000 and 5100 Series Processor performance for 32-bit and 64-bit application solutions

- Offers standard PC2-5300 Fully Buffered DIMMs (DDR2-667) expandable to 16 GB to provide increased bandwidth for high uptime and memory performance
- Two integrated Broadcom 10/100/1000 5721 NICs (Wake on LAN and PXE capable that feature load balancing and failover support)
- Scalable internal bays to meet your storage needs with up to two Non-Hot Plug SATA or Hot Plug SATA/SAS hard drives
- Build to order your platform with options based on your unique performance needs—including processors, memory, hard drives and HP Care Pack services
- **Support**—Expert, dependable support from industry leader in high performance computing solutions
 - Global server support network to assist you with set-up, installation and to provide reliable after sales support when you need it from a single point of contact
 - HP provides a broad choice of pre-configured, factory-integrated and tested cluster packages ideal for mid-range technical computing

Ideal environments

Small and medium businesses

- Affordable prices meet small- and medium-sized business budget needs.
- Two dual-core Intel Xeon processors and 16 GB of DDR2 memory options allow for fast throughput on most applications.

High performance technical computing

- Intel's latest dual-core technology with 1333/667 MHz front-side bus and up to 4 MB of Level 2 cache provides the speed needed for High Performance Computing environments.

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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, 2.0 GHz, 1333 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, 667 MHz FSB
Cache	5100 series: 4 MB (1x4 MB L2 cache) 5000 series: 4 MB (2x2 MB L2 cache)
Maximum RAM	16 GB
RAM type/speed	PC2-5300 fully buffered DIMMs (DDR2-667)
Maximum internal storage	Non-hot plug Serial ATA (SATA) 3.5" hard drives or hot plug Serial ATA (SATA)/Serial Attached SCSI (SAS) 3.5" hard drives
Storage controller	Non-hot plug models: HP embedded SATA RAID Controller (non-hot plug SATA models) Hot plug models: HP 8 internal port SAS HBA with RAID 0,1,10 (hot plug SATA/SAS models)
Maximum drive bays	2
Memory protection	Advanced ECC
Form factor	1U rack
Networking	Two integrated Broadcom 10/100/1000 5721 NICs (Wake on LAN and PXE capable)
Remote management	HP ProLiant Lights Out 100i
Redundant power supply and fans	N/A
Warranty	1-year parts, 1-year labor, 1-year on-site

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Services

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.

Extended Care—Minimum recommended service support offer designed to ensure you have access to expert assistance, whenever needed.
ProLiant DL140 3-year 9x5 next-business-day response hardware support

Committed Care—Cost-effective guaranteed fix time hardware support service designed to minimize impact of server down time on your business.
ProLiant DL140 3-year 13x5 4-hour response same-business-day hardware support

Committed Response—Highest recommended service delivering combined hardware and software support designed to extend HP Services committed response and to speed more complex interoperability problem resolution. *ProLiant DL140 3-year 24x7 4 hour response hardware support*

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 DL140 Installation*

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 sales representative or visit www.hp.com/go/hpfinancialservices.

For more information

For more information about the HP ProLiant DL140 G3 server, please contact your local HP sales representative or visit www.hp.com/servers/proliantdl140.

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For more information, visit www.hp.com/servers/proliantdl140

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