

# HP ProLiant DL380 Generation 5 Server

Data sheet



## Performance, manageability, and uptime in a highly serviceable 2U chassis

The world's best-selling server just got faster. The new HP ProLiant DL380 Generation 5 (G5) Server delivers on its history of design excellence, providing enterprise-class uptime and manageability, proven 2-processor Intel® Xeon™ performance, and 2U density for a variety of rack deployments and applications. Its reliable, tool-free design makes installation, upgrades, and maintenance simple, reducing total cost of ownership.

### Key features and benefits

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

- Versatility and availability for a wide range of deployments
- Quality engineering for reliability and ease of ownership
- Industry-leading management solutions for powerful administration

## Ideal environments

### Environments of all types and sizes

- The unmatched flexibility of the HP ProLiant DL380 G5 Server has made it the best-selling server in the world. Businesses of all sizes use it for a vast array of applications.
- Its large internal storage capacity makes it ideal for everything from web applications to databases.
- Your IT team can manage the HP ProLiant DL380 G5 Server from virtually anywhere in the world through advanced remote management capabilities.

The HP ProLiant DL380 G5 Server is a powerful and versatile server that can support business-critical applications, combining cost-effective manageability with superior uptime.

### **Space-constrained corporate data centers and service providers**

- The HP ProLiant DL380 G5 Server packs all the storage, memory, and I/O you need into only 2U of rack space.
- Ambidextrous cable management and a quick deploy rail solution make racking a snap.
- Availability features like hot-plug redundant power, online spare memory, and hot-plug/redundant fans keep environments up and running and users productive.

### **Sophisticated SMB locations**

- The HP ProLiant DL380 G5 Server is not just for enterprises. Small and medium businesses with rack environments that can benefit from remote server management or network backup should consider the HP ProLiant DL380 G5 Server.

## **Benefits of the HP ProLiant DL380 Generation 5 Server**

### **Proven performance**

- State-of-the-art Intel Xeon 5000 Series dual-core processors for blazing performance and increased system scalability
- Up to 32 GB of 4-way interleaved PC2-5300 (DDR2-667) SDRAM to support demanding memory-intensive applications
- Four PCI-Express expansion slots and optional PCI-X provide latest I/O performance technologies
- Dual multifunction Gigabit NICs with TOE to reduce network latency

### **Versatility and availability**

- The HP Smart Array P400 with 256 MB read cache (base and performance models) or the HP Smart Array P200 with 64 MB read cache (entry model) are upgradeable with battery-backed write cache capabilities and larger read cache sizes.

- Capacity and performance with eight small form factor hot-plug Serial-attached SCSI (SAS) drive bays
- Advanced memory protection technologies protect the system from memory errors.
- Hot-plug fully redundant fans and power supply capabilities provide for maximum up time.

### **Manageability**

- HP Integrated Lights-Out 2 (iLO 2) allows powerful, hardware-based remote administration and control from a standard Web browser, conserving valuable IT staff resources.
- Server configuration and deployment is simplified with tools like HP SmartStart, HP Rapid Deployment Pack, PXE and ROM-Based Setup Utility (RBSU).
- Management tools such as HP Systems Insight Manager and iLO2 provide easy yet secure status and access to HP ProLiant servers, ensuring optimal levels of up time.

### **Reliability and ease**

- Clean, tool-free, mechanical design enhances reliability and simplifies configuration and maintenance. Minimal cables allow easy access to modular components, and hot-plug redundancy enables fast maintenance.
- Quick deploy rail system delivers easy installation and fast server access. Universal tool-free sliding rails support square and round-hole racks, and ambidextrous cable management arm enables cabling flexibility.
- Commonality focus, both within and across platforms, increases IT productivity.
- ROM-based configuration and management features increase up time and simplify configuration. Redundant ROM also protects platform during upgrades.

## HP ProLiant DL380 G5 Server



### Processor and memory

<b>Available processors</b>	Dual-core Intel Xeon Processor 5160, 3.0 GHz, 1333 Front Side Bus (FSB) Dual-core Intel Xeon Processor 5150, 2.67 GHz, 1333 FSB Dual-core Intel Xeon Processor 5140, 2.33 GHz, 1333 FSB Dual-core Intel Xeon Processor 5130, 2.0 GHz, 1333 FSB Dual-core Intel Xeon Processor 5120, 1.86 GHz, 1066 FSB Dual-core Intel Xeon Processor 5110, 1.6 GHz, 1066 FSB Dual-core Intel Xeon Processor 5080, 3.73 GHz, 1066 FSB Dual-core Intel Xeon Processor 5060, 3.2 GHz, 1066 FSB Dual-core Intel Xeon Processor 5050, 3.0 GHz, 667 FSB
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<b>Processor capacity</b>	2
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<b>Memory type</b>	PC2-5300 DDR2 fully buffered DIMMs
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<b>Max memory</b>	32 GB (4 GB DIMMs), 8 sockets
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<b>Advanced memory protection</b>	Advanced ECC, mirrored memory, online spare
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### Storage and I/O

<b>Storage type</b>	Hot-plug 2.5" SAS Hot-plug 2.5" SATA
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<b>Max drive bays</b>	8 Small Form Factor (Serial Attached SCSI)
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<b>Removable media bays</b>	One (1) Slimline bay
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<b>Storage controller</b>	Smart Array P400 Controller with 256 MB cache (RAID 0, 1, 5); optional battery (adds write cache and RAID 6); option 512 MB write cache (adds write cache and RAID 6)  Smart Array E200 Controller with 64 MB cache (RAID 0, 1); optional 128 MB write cache (adds RAID 5 capability)
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<b>Networking</b>	Two (2) embedded NC373i Multifunction Gigabit Network Adapters with TCP/IP Offload Engine
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<b>Expansion slots</b>	Four (4) (3 full- and 1 low-profile) PCI-Express slots; optional PCI-X slot
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### Deployment

<b>Form factor</b>	Rack
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<b>Rack height</b>	2U
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<b>Remote management</b>	Integrated Lights-Out 2
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<b>Redundant power supply</b>	Optional
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<b>Redundant fans</b>	Standard
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<b>Warranty</b>	3-year parts, 3-year labor, 3-year onsite
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# HP ProLiant DL380 Generation 5 Server

<b>Services</b>	<p>HP services provides continuous care and support expertise with committed response designed to meet your IT and business needs.</p> <p>To fully capitalizing 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-vendor 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 support to help you speedily deploy and maximize system uptime.</p> <p><i>Extended Care</i>—Minimum recommended service support offer designed to ensure you have access to expert assistance, whenever needed. <i>ProLiant DL380 3-year 24x7 4-hour response same day hardware support</i></p> <p><i>Committed Care</i>—Cost-effective guaranteed fix time hardware support service designed to minimize impact of server down time on your business. <i>ProLiant DL380 3-year 24x7 6-hour call to repair hardware support</i></p> <p><i>Committed Response</i>—Highest recommended service delivering combined hardware and software support designed to extend HP Services committed response and to speed more complex interoperability problem resolution. <i>ProLiant DL380 3-year 24x7 Support Plus 24</i></p> <p><i>Deployment Services</i>—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. <i>ProLiant DL380 Installation and Startup service</i></p> <p>For more information visit: <a href="http://www.hp.com/services/proliantservices">www.hp.com/services/proliantservices</a> and <a href="http://www.hp.com/go/proliant/carepack">www.hp.com/go/proliant/carepack</a></p>
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<b>For more info</b>	<p>For more information about the HP ProLiant DL380 G5 Server, visit <a href="http://www.hp.com/servers/proliantdl380">www.hp.com/servers/proliantdl380</a>.</p>

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For more information, visit [www.hp.com/servers/proliantdl380](http://www.hp.com/servers/proliantdl380)

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