

HP ProLiant DL380 G4 Storage Server

Data sheet



The HP ProLiant DL380 G4 Storage Server is an affordable, flexible network attached storage (NAS) solution delivering quick and simple storage with multi-protocol file support and storage management for enterprise and workgroup environments. The DL380 Storage Server requires only limited IT knowledge and is available as either a standalone appliance or a NAS/SAN gateway storage solution. It offers installation and management features that reduce overall total cost of ownership (TCO). The DL380 Storage Server is ideal

for customers with limited IT resources and who need quick, simple, rapidly deployable, flexible storage and remote manageability. The DL380 Storage Server uses the Microsoft® Windows® Storage Server 2003 operating system. It provides excellent storage management, data protection, performance tuning, and print services allowing customers to manage their storage efficiently. Plus, it comes with HP Global Services, providing cost-effective support to ensure continuous availability.

For enterprises wanting to increase business agility, the HP ProLiant DL380 Storage Server is an affordable, flexible network storage offering very large scalability as an appliance or NAS/SAN fusion solution.

The HP ProLiant DL380 Storage Server is a NAS/SAN fusion storage solution that is easy to integrate and easy to install in any network environment. All you need to set up the DL380 Storage Server and begin serving files is a 10/100/1000 Ethernet network.

Features and benefits

- *Flexible:* The DL380 Storage Server is available as a standalone appliance with its own direct attached storage (DAS) or as a NAS/SAN gateway product to act as a file serving gateway for an HP-based SAN.
- *Large capacity:* The appliance model supports up to 36 TB of storage using Serial ATA (SATA) hard disk drives. The SAN storage model supports up to 48 TB depending on the HP array.
- *Ready to deploy:* The hardware is pre-configured and the operating system is pre-installed at the factory allowing you to deploy the system on your network in minutes.
- *Simple management:* Web-based user interface enables system administrators to set up and manage the DL380 Storage Server in only a few short steps.
- *Remote manageability:* Supports remote management via web GUI or command console.
- *High performance:* Supports up to two Intel® Xeon™ processors, large memory capacity and hardware-based RAID for optimal performance.
- *Reliable:* Provides data protection capabilities like hardware-based RAID, built in “snapshot” technology, redundant power/cooling and support for multiple backup and anti-virus packages.
- *Space saving:* Features 2U rack-mounted product design.
- *Open:* Supports all the major file serving protocols including SMB/CIFS, NFS, NCP, AppleTalk, HTTP and FTP.

HP ProLiant DL380 G4 Storage Server



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|------------------------------|---|
| System design | Single or dual 3.4 GHz Intel Xeon processors |
| Network interface | Dual 10/100/1000 NIC's |
| Form factor | 2U |
| Management access | 10/100 Ethernet (RJ-45) and serial port |
| Management | Telnet and web user interface |
| Diagnostics | Embedded flash with AMI diagnostics |
| Operating system | Microsoft Windows Storage Server 2003 Standard Edition (Appliance Models), Enterprise Edition (SAN Storage Model) |
| Memory | 1 GB up to 8 GB |
| Storage capacity | Up to 36 TB SATA, up to 48 TB Fibre Channel depending on the array |
| Drive type | SCSI, SATA or Fibre Channel |
| Data protection | Hardware RAID 0, 1, 0+1, 5 (dependent on array) |
| Restore functionality | Dual operating system partition and quick restore DVD |
| Hot-swappable drives | Yes |
| Dimensions (HxWxD) | 3.38 x 17.54 x 26.01 in (8.59 x 44.54 x 66.07 cm) |
| Temperature range | Operating: 50° to 95° F (10° to 35° C) Shipping: -40° to 158° F (-40° to 70° C) |
| Humidity range | Operating: 10 to 90% @ 82° F (28° C) (wet bulb) Storage: 5 to 95% @ 82° F (28° C) (wet bulb) |
| Weight | 60 lb/27.22 kg (maximum without packaging) |

Ordering information

| Part number | Product name | Description |
|-------------|-------------------------------------|---|
| 371224-B21 | DL380 G4 Storage Server Base | Base Model |
| 371225-B21 | DL380 G4 Storage Server Ext SCSI | External SCSI Model (bundled with HP StorageWorks Modular Smart Array 30 (MSA30) and four 300 GB 10K SCSI HDDs) |
| 371226-B21 | DL380 G4 Storage Server Ext SATA | External SATA Model (bundled with MSA20 and four 250 GB 7.2K SATA HDDs) |
| 371227-B21 | DL380 G4 Storage Server SAN Storage | Storage is provide via an HP-based SAN using HP StorageWorks XP, Enterprise Virtual Array (EVA), Enterprise Modular Array (EMA), Virtual Array (VA), or Modular Smart Array (MSA) 1000/1500 |

Options

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|-----------------|-------------------------------------|--|
| 343055-B21 | 1 GB Memory | 1 GB PC2 PC3200 DDR2 SDRAM DIMM Memory Kit (2x512 MB) |
| 343056-B21 | 2 GB Memory | 2 GB PC2 PC3200 DDR2 SDRAM DIMM Memory Kit (2x1024 MB) |
| 343057-B21 | 4 GB Memory | 4 GB PC2 PC3200 DDR2 SDRAM DIMM Memory Kit (2x2048 MB) |
| 371224-B21 #0D1 | DL380 G4 Storage Server Base | Factory Rack Integration |
| 371225-B21 #0D1 | DL380 G4 Storage Server Ext SCSI | Factory Rack Integration |
| 371226-B21 #0D1 | DL380 G4 Storage Server Ext SATA | Factory Rack Integration |
| 371227-B21 #0D1 | DL380 G4 Storage Server SAN Storage | Factory Rack Integration |

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What's included

DL380 G4 Storage Server (appliance models) includes a single 3.4 GHz Intel Xeon processors and 1 GB memory. DL380 G4 Storage Server (SAN model) includes dual 3.4 GHz Intel Xeon processors and 2 GB of memory. All models include dual 10/100/1000 NIC's, Integrated Lights-Out (iLO), embedded Smart Array 6i Controller with Battery-Backed Write Cache (BBWC), user documentation kit, Rapid Launch CD utility for discovery and configuration, Quick Restore DVD for quick recovery, rack mount PDU power cords, Quick Start Guide, Services For UNIX® 3.0 CD kit. The DL380 Storage Server ships with Windows Storage Server 2003 operating system pre-installed.

Warranty and support

(3-3-3) Hardware Warranty; 3-year parts, 3-year on-site (standard business hours, next business day response), and 3-year labor. Note: The hardware warranty covers firmware and embedded non-saleable software. Saleable software carries its own warranty. HP's Limited Software Warranty; the software media will be free of physical defects for a period of ninety (90) days from delivery.

EXCLUSIVE REMEDY. The entire liability of HP and its suppliers and your exclusive remedy for software that does not conform to this Limited Warranty shall be the repair or replacement of the defective media. This warranty and remedy are subject to your returning the defective media during the warranty period to HP in the country in which you obtained the software.

Product installation is available, but is not included in the warranty.

Warranty and support options

The basic warranty service can be enhanced and HP installation services can be purchased. Support options with various response times and durations are available. These services include, but are not limited to, 4-hour same day and next day, as well as extended coverage periods, 24x7, 1-year and 3-year.

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 on these services, please contact your HP sales representative or find us on the web at: www.hp.com/go/hpfinancialservices

HP Customer Support

HP Customer Support provides a broad spectrum of services to commercial and enterprise customers, including performance and availability services such as proactive mission-critical services and support management services for deployment of the entire IT infrastructure, including HP and multivendor environments. For more information on these services, contact your HP sales representative or visit www.hp.com/hps/support

For more information

For more information on the HP ProLiant Storage Server family visit: www.hp.com/go/storageservers

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