

# HP ProLiant DL580 G2 Storage Server

Data sheet



The HP ProLiant DL580 G2 Storage Server is a high performance network attached storage (NAS) gateway solution delivering quick and simple storage with multi-protocol file support and storage management for the most demanding enterprise and workgroup environments. The DL580 Storage Server is a NAS/SAN fusion storage solution that requires only limited IT knowledge, offers ease of installation and management features that reduce overall total cost of ownership (TCO). The DL580 Storage

Server is ideal for organizations that require quick, simple, rapidly deployable, flexible storage with built-in remote manageability. The DL580 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 that need to optimize IT resources, the HP ProLiant DL580 G2 Storage Server provides a NAS/SAN fusion solution with high performance, increased data protection and simple, robust storage management.

The HP ProLiant DL580 G2 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 DL580 Storage Server and begin serving files is a 10/100/1000 Ethernet network.

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#### Features and benefits

- *NAS/SAN fusion:* Provides integration of file or block data leads to increased efficiency of the storage network.
- *Optimized:* NAS/SAN fusion provides an architecture that offers better efficiency for your storage.
- *Reliable:* HP's experience is the key to success with affordable optimized NAS solutions.
- *Redundant:* Features configurations that allow for redundancy at every level.
- *Extensive:* Provides low-end, remote/workgroup solutions, to consolidated fusion solutions for the enterprise.
- *Manageable:* Features simpler management of file or block level data leading to decreased costs for storage and allowing file server and storage consolidation.

The integrated web GUI provides a single-point-of manageability for administrative function associated with advanced file serving.

- *Scalable:* Provides scalability up to the limits of the SAN maximizing the return on storage investment.
- *Available:* HP ProLiant Storage Servers provide a family of products that offer a wide range of availability, and confidence that data will be available when needed. From redundant components, to replication, to no single point of failure deployments, the HP ProLiant Storage Server family offers it all.
- *Performance:* The HP ProLiant Storage Server family of products offers impressive performance ranging from the smallest business to the largest enterprise; unlike advanced file serving functions that require high performance.

## HP ProLiant DL580 G2 Storage Server



<b>System design</b>	Dual 2.8 GHz Intel® Xeon™ processors
<b>Network interface</b>	Dual 10/100/1000 NIC's
<b>Form factor</b>	4U
<b>Management access</b>	10/100 Ethernet (RJ-45) and serial port
<b>Management</b>	Telnet; and web user interface
<b>Diagnostics</b>	Embedded flash with AMI diagnostics
<b>Operating system</b>	Microsoft Windows Storage Server 2003 Enterprise Edition
<b>Memory (standard)</b>	4 GB
<b>Memory (upgrade)</b>	Up to 8 GB
<b>Storage capacity</b>	Up to 100 TB
<b>Drive type</b>	SCSI, Fibre Channel (dependent on array)
<b>Data protection</b>	Hardware RAID 0, 1, 0+1, 5 (dependent on array)
<b>Restore functionality</b>	Dual operating system partition and quick restore DVD
<b>Hot-swappable drives</b>	Yes
<b>Dimensions (HxWxD)</b>	6.94 x 19 x 26.5 in/17.6 x 48.3 x 67.3 cm
<b>Temperature range</b>	50° F to 95° F/10° C to 35° C (operating) -22° F to 122° F/-30° C to 50° C (shipping)
<b>Humidity range</b>	10 to 80% @ 82° F/28° C (wet bulb) (operating) 10 to 90% @ 82° F/28° C (wet bulb) (storage)
<b>Weight</b>	110.2 lb/49.8 kg (without packaging)

# HP ProLiant DL580 G2 Storage Server

## Ordering information

Part number	Product name
348937-B22	DL580 Storage Server

**What's included** DL580 G2 based storage server, Dual 2.8 GHz Xeon processors with 2 MB Cache, 4 GB memory, dual 10/100/1000 Broadcom NIC's, Integrated Lights-Out (iLO), embedded 5i Smart Array technology, 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, and Services for UNIX®. The DL580 Storage Server ships with Microsoft 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](http://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](http://www.hp.com/hps/support)

**For more information** For more information on the HP ProLiant Storage Server family visit: [www.hp.com/go/storageservers](http://www.hp.com/go/storageservers)

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