HP ProLiant DL585 Storage Server

Data sheet

The HP ProLiant DL585 Storage Server is a network attached storage (NAS) gateway solution that provides multi-protocol file and print serving for both enterprise and workgroup SAN environments. The DL585 Storage Server is ideal for customers with limited IT resources who require quick, simple, rapidly deployable, flexible storage and who need remote manageability. The DL585 Storage Server is a NAS/SAN fusion storage solution that offers ease of installation and simple management features that reduce overall total cost of ownership (TCO).

The DL585 Storage Server uses Microsoft® Windows® Storage Server 2003 (WSS 2003), a dedicated file and print serving operating system designed for dependability, ease of integration and best value in networked storage. Plus, it comes with HP Global Services, providing cost-effective support to ensure continuous availability.

The HP ProLiant DL585 Storage Server is ideal for enterprise data center customers looking to optimize their IT resources, providing a NAS/SAN gateway solution with high performance and increased data protection.

The HP ProLiant DL585 Storage Server acts as a file sharing gateway into an existing SAN, providing enterprise customers access to virtually unlimited storage.

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Features and benefits

- *Ready to deploy:* The hardware is pre-configured, and the operating system is pre-installed from the factory, allowing you to deploy the system in minutes.

- *Cost-effective:* Built on industry-standard hardware and software, the DL585 Storage Server offers a very attractive price point for a NAS/SAN gateway.

- *Simple management:* The web-based graphical user interface enables system administrators to set up and manage the DL585 Storage Server in only a few short steps. The DL585 Storage Server provides file and Microsoft® Exchange storage services in a single, simple-to-manage storage server.

- *Remote manageability:* The DL585 Storage Server comes standard with HP Integrated Lights-Out Standard and includes an Advanced License Pack, providing remote management capabilities such as re-boot and system environmental monitoring over the LAN or the Internet.

- *High performance:* The DL585 Storage Server supports up to four 2.6 GHz single core or 2.2 GHz Dual Core AMD Opteron processors, up to 8 GB of memory and eight available I/O expansion slots.

- *Reliable:* The DL585 Storage Server provides data protection capabilities like hardware-based RAID and redundant power and cooling.

- *Open:* All the major file serving protocols including SMB/CIFS, NFS, NCP, AppleTalk, HTTP and FTP are supported on the DL585 Storage Server.

Technical specifications

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Form factor	4U rack-mount
Operating system	Microsoft Windows Storage Server 2003 Enterprise Edition
Processor	Dual 2.6 GHz or 2.2 GHz Dual Core AMD Opteron processors (up to four supported)
Memory	4 GB (standard) to 8 GB (maximum)
Network controller	Auto sensing dual port Gigabit Adapter (in a slot)
Optical drive	Slimline DVD-ROM (8X/24X)
Storage controller	Smart Array 5i Plus Controller with 64 MB Battery-Backed Write Cache (integrated on system board)
Storage capacity (raw)	Virtually limitless, based on size of SAN
Drive type	SCSI internal, Fibre Channel external
Drive protection	Hardware: RAID 0, 1, 0+1, 5
Remote management	Integrated Lights Out (iLO) Standard Management (integrated on system board) with Advanced License Pack included
Restore functionality	Dual operating system partition and Quick Restore DVD
Dimensions (HxWxD)	6.94 x 19.0 x 26.5 in / 17.6 x 48.3 x 67.3 cm
Temperature range	50° F to 93° F / 10° C to 35° C (operating) –22° F to 122° F / –30° C to 50° C (shipping)
Humidity range	10% to 70% (operating) 5% to 95% (non-operating)
Weight	66 lb / 29.9 kg (without packaging)

Ordering information

Part number	Description
383719-B21	DL585 2.6 GHz Single Core Storage Server
393973-B21	DL585 2.2 GHz Dual Core Storage Server
Options:	
381477-B21	Opteron 852 2.6 GHz Single Core Processor Option Kit
383393-B21	Opteron 875 2.2 GHz Dual Core Processor Option Kit
376639-B21	2 GB PC3200 DDR SDRAM DIMM Memory (2 x 1 GB)
379300-B21	4 GB PC3200 DDR SDRAM DIMM Memory (2 x 2 GB)
383719-B21 #0D1	Factory Rack Integration
393937-B21 #0D1	Factory Rack Integration

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What's included	The HP ProLiant DL585 Storage Server ships with all hardware and software needed to configure and serve files in a heterogeneous environment. The DL585 Storage Server ships with dual 2.6 GHz or 2.2 GHz Dual Core AMD Opteron processors, 4 GB of memory, dual port GB NIC, Smart Array 5i Plus Controller with Battery-Backed Write Cache (BBWC), iLO with Advanced License Pack, 8X/24X DVD-ROM, redundant power supplies and fans. The DL585 Storage Server comes with Microsoft Windows® Storage Server 2003 Enterprise Edition operating system pre-installed.
Warranty and support	The DL585 Storage Server comes with a three-year parts, labor and on-site (standard business hours, next-business-day response) warranty.
	Note: The hardware warranty covers firmware and embedded non-saleable software. Saleable software carries its own warranty. The HP Limited Software Warranty only ensures that 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 not included in the warranty.
Warranty and support	The basic warranty service can be enhanced, and HP Installation Services can be purchased. Support for various response times and durations is also available. These services include, but are not limited to, 4-hour response, same-day and next-day support, 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 customers cost-effectively acquire, manage and ultimately retire your HP solutions. For more information on these services, please contact your HP sales representative or visit: **www.hp.com/go/hpfinancialservices**.
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 multi-vendor 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 HP ProLiant Storage Servers, visit: **www.hp.com/go/storageservers**.

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