

HP ProLiant DL100 Storage Server

Data sheet



The HP ProLiant DL100 Storage Server offers an entry-level, 1U form factor networked attached storage (NAS) solution for small and medium business environments. Optional HP ProLiant Storage Server iSCSI Feature Pack software adds iSCSI target functionality and block-level storage services. This combination creates an iSCSI Storage Server solution that is capable of hosting file, print and application storage services on a single platform.

With host-based data replication and failover capabilities using HP OpenView Storage Mirroring software, data can be automatically exchanged with a main office meeting business continuity requirements.

Microsoft Windows® Storage Server 2003 operating system is pre-installed and optimized for the DL100 Storage Server and includes HP-specific management tools. The hardware is also pre-configured and optimized allowing

the DL100 Storage Server to be up and running in minutes. The DL100 Storage Server includes hardware RAID for greater performance and future support of an external storage enclosure.

The DL100 Storage Server offers customers quick restore functionality via DVD and dual operating system partitions. In the event the DL100 Storage Server needs to be restored, a Quick Restore DVD allows you to be up and running with a factory default image in minutes not hours.

HP offers a complete portfolio of services ranging from Storage Design and Architecture to various levels of on-going maintenance support. These services, for both hardware and software, ensure high performance and reliability.

The HP ProLiant DL100 Storage Server is ideal for small or branch offices looking to lower IT costs. The DL100 Storage Server delivers quick-to-install and simple-to-manage networked data storage for file, print and Microsoft Exchange 2003 data repository, and can be upgraded to an iSCSI based storage consolidation solution.

The HP ProLiant DL100 Storage Server delivers quick-to-install and simple-to-manage network attach storage (NAS) for file sharing and print services, plus remote manageability for small or branch office locations at a price suitable for smaller IT budgets.

Features and benefits

- *Versatile:* Each model provides a different processor, memory size and capacity point allowing customers to choose the one appropriate for their needs
- *High performance:* Uses the latest Intel® Celeron™ or Pentium® 4 processors, fastest Serial ATA (SATA) hard disk drives, and hardware-based RAID for optimal performance
- *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:* Low acquisition cost fits smaller capital spending budgets: provides file and Microsoft Exchange storage services in a single simple-to-manage storage server
- *Space saving:* Features a 1U form factor product design that can be rack-mounted or used on a desktop
- *Simple management:* Web-based user interface enables system administrators to set up and manage the DL100 Storage Server in only a few short steps
- *Remote manageability:* Supports remote management via web GUI or command console
- *Reliable:* Provides data protection capabilities like hardware-based RAID and support for multiple third party backup and anti-virus packages
- *Open:* Supports all the major file serving protocols including SMB/CIFS, NFS, NCP, AppleTalk, HTTP and FTP

HP ProLiant DL100 Storage Server



Storage capacity (raw)	320 GB (4 x 80 GB) , 640 GB (4 x 160 GB) and 1 TB (4 x 250 GB)
System design	Intel Celeron 2.8 GHz (320 GB Model), 2.8 GHz Intel Pentium 4 (640 GB Model), 3.2 GHz Intel Pentium 4 (1 TB Model)
Network interface	Dual 10/100/1000 NIC's
Form factor	1U
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, pre-installed
Drive type	Serial ATA (SATA)
Data protection	Hardware RAID 0, 1, 0+1, 5
Restore functionality	Dual operating system partition and quick restore DVD
Hot-swappable drives	Yes
Memory (standard)	320 GB – 512 MB, 640 GB – 1 GB, 1 TB – 1 GB
Memory (upgrade)	Up to 4 GB
Dimensions (HxWxD)	1.71 x 16.87 x 17.72 in/4.32 x 42.86 x 45.0 cm
Temperature range	41° F to 95° F/5° C to 35° C (operating) –40° F to 158° F/–40° C to 70° C (shipping)
Humidity range	10 to 80% @ 82° F/28° C (wet bulb) (operating) 10 to 90% @ 82° F/28° C (wet bulb) (storage)
Weight	28.5 lb/12.94 kg (without packaging)

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Ordering information

Part number	Product name	Description
367987-B21	DL100 Storage Server	320 GB fixed capacity
367988-B21	DL100 Storage Server	640 GB fixed capacity
367989-B21	DL100 Storage Server	1 TB fixed capacity
Options:		
354557-B21	256 MB Memory	256 MB of Advanced ECC PC3200 DDR SDRAM DIMM Memory Kit (1 x 256 MB)
354560-B21	512 MB Memory	512 MB of Advanced ECC PC3200 DDR SDRAM DIMM Memory Kit (1 x 512 MB)
354563-B21	1024 MB Memory	1024 MB of Advanced ECC PC3200 DDR SDRAM DIMM Memory Kit (1 x 1024 MB)
T3669A	HP ProLiant Storage Server iSCSI Feature Pack (Standalone Edition)	Includes media, license key retrieval instructions, and documentation. Also includes HP ProLiant Application Storage Manager software. For use on standalone HP ProLiant Storage Server and HP StorageWorks NAS server products.

What's included The HP ProLiant DL100 Storage Server ships with all software needed to configure and serve files in a heterogeneous environment. The DL100 Storage Server ships with a single Intel Celeron or Pentium 4 processor, a single power supply, four Serial ATA hard drives, 512 MB or 1 GB of DRAM (dependent on model). All models ship with an integrated SCSI card for attachment of a tape backup device.

Warranty and support (3-1-1) Hardware Warranty; 3-year parts, 1-year on-site (standard business hours, next business day response), and 1-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 as a Care Pack option.

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 HP ProLiant Storage Server family visit: www.hp.com/go/storageservers

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