

HP StoreEasy 1000 Storage Quick Start Guide

IMPORTANT: Read this document first.



Supported storage systems

These installation instructions apply to the following HP StoreEasy 1000 Storage models:

StoreEasy model	Platform
HP StoreEasy 1440 Storage	HP ProLiant DL360e Gen8 server
HP StoreEasy 1540 Storage	HP ProLiant ML310e Gen8 server
HP StoreEasy 1640 Storage	HP ProLiant DL380e Gen8 server
HP StoreEasy 1840 Storage	HP ProLiant DL380p Gen8 server

For details and specifications about each model, see the HP StoreEasy 1000 Storage QuickSpecs available at:

<http://www.hp.com/go/StoreEasy1000>

For general information about HP ProLiant Gen8 servers, go to:

<http://www.hp.com/go/proliantgen8/docs>

IMPORTANT: Included with your storage system is the HP Storage System Recovery DVD. This DVD is used to restore the system to factory defaults. Keep this DVD in a safe place.

The Microsoft Windows Storage Server 2012 / 2012 R2 Standard Edition operating system is preinstalled and activated on all systems.

Record network information

It is critical to have the correct networking information available before proceeding with the system installation and configuration. It may be necessary to pre-stage DNS information. Contact your system administrator to clarify network configuration requirements.

IMPORTANT: Before joining the StoreEasy system nodes to the Active Directory domain, ensure that there is network connectivity between each node and the domain controller.

The HP StoreEasy 1000 Storage requires a minimum of 2 IP addresses. These addresses may be statically assigned or assigned by a DHCP server or both. If you are using static addressing or a DHCP server that does not automatically update DNS, ensure that both forward and reverse DNS information (A and PTR records) is pre-staged in the DNS server.

Use [Table 1 \(page 1\)](#) to document your network information before proceeding with system setup.

Table 1 Network information

Network device	Fully qualified DNS name (FQDN)	IP address
System		
iLO		

Restrictive Active Directory environments

If the StoreEasy system is placed in a restrictive Active Directory environment, it may require pre-staging Active Directory objects or certain administrative permissions. See the following Microsoft articles for more information:

- [How to Create a Cluster in a Restrictive Active Directory environment](#)
- [Failover Cluster Step-by-Step Guide: Configuring Accounts in Active Directory](#)

Validate network information

Confirm that the IP address and names are not already in use.

Complete the tests in [Table 2 \(page 1\)](#) to verify network connectivity. Consult with your network administrator to confirm test results.

Table 2 Validation tests

Test	Command(s) to execute	Successful? (Y/N)
Ping the IP address of the StoreEasy system from another system on the same network.	ping <system address>	
Ping the IP address of some other system on the same network from the StoreEasy system.	ping <system address>	
Ping the name of the StoreEasy system from another system on the same network.	ping <node 1 name> ping <node 1 fqdn>	
Ping the name of some other system on the same network from the StoreEasy system.	ping <node 1 name> ping <node 1 fqdn>	

If you will be adding the StoreEasy system to an Active Directory domain, some additional tests include:

Table 2 Validation tests (continued)

Test	Command(s) to execute	Successful? (Y/N)
Ping the domain controller from the StoreEasy system.	ping <domain controller address> ping <domain controller name>	
Verify the network path to the domain controller and DNS servers is correct.	pathping <domain controller address> pathping <domain controller name> pathping <DNS server address> (Repeat for each DNS server) pathping <DNS server name> (Repeat for each DNS server)	

Additionally, HP recommends that you also verify the iLO IP address and name resolution; however, this is not critical to support a file server.

Install the storage system hardware

1. Install the rail kit by following the *HP Rack Rail Kit Installation Instructions*, which is packaged with the rail kit.

NOTE: If you ordered the HP Tower to Rack Conversion Tray Universal Kit for the purpose of installing the HP StoreEasy 1540 Storage tower model in a rack, use the provided tower-to-rack conversion kit installation instructions to install the tower hardware into the rack.

2. Install the storage system into the rack.

Access the storage system

Use either the direct attach or remote management method to connect to the storage system.

IMPORTANT: Only the direct attach and remote management access methods can be used to install the storage system. After the storage system installation process is complete and the server's IP addresses have been assigned, you can then additionally use the remote desktop method to access the storage system.



NOTE: When connecting to the storage system to complete the initial setup, ensure that no external disk enclosures are connected to the storage system. Otherwise, the OS drive could be created on the disk enclosure if any drive on the disk enclosure is labeled “system” and would prevent storage provisioning from occurring.

- **Direct attach**—This access method is mandatory if your network does not have a Dynamic Host Configuration Protocol (DHCP) server. Connect the following cables to the back panel of the storage system in the following sequence: keyboard, mouse, network cables, monitor cable, and power cable.

NOTE: The keyboard, mouse, and monitor are not provided with the storage system.

- **Remote management**—Access the storage system using the Integrated Lights-Out (iLO) remote management method:
 1. Connect the desired network cables to network adapter ports on the back of the storage system.
 2. Connect a network cable to the iLO port located on the back of the storage system.
 3. Connect a power cable to the storage system.
 4. Locate the iLO Network Settings tag attached to the storage system and record the default user name, password, and DNS name.
 5. From a remote computer, open a standard Web browser and enter the iLO management hostname of the storage system.

NOTE: By default, iLO obtains the management IP address and subnet mask from your network’s DHCP server. The hostname found on the iLO tag is automatically registered with your network’s DNS server.

6. Using the default user information provided on the iLO Network Settings tag, log on to iLO, and then launch a remote console to the storage system.

For detailed instructions about using each of these access methods, see the *HP StoreEasy 1000 Storage Administrator Guide* or the *HP iLO 4 User Guide*, which you can search for (by product name) at:

<http://www.hp.com/support/manuals>

Power on and complete the configuration

1. Power on the system by pushing the power button on the front panel. If using iLO, click **Momentary Press** under the Power Switch menu of the remote console.

The storage system starts and displays the Setup Windows wizard.

NOTE: In case of clustered profile you needs to install and interact on both the nodes till you get the notification to select clustered/standalone profile for the system.

2. Select the desired language and click **Next**.
3. Accept the license agreement and click **Accept**.
4. Select the desired region, language settings, and keyboard layout and click **Next**.
5. When prompted, enter a password of your choice. It should be a password you can remember.
6. When prompted, press CTRL+ALT+DELETE to log on to the system. If using iLO, click the **Ctrl-Alt-Del** menu item in the Keyboard menu of the remote console.
7. When prompted, enter the default Windows Administrator password (which is HPinvent!). You are then prompted to change the default Windows Administrator password. Enter and re-enter the password of your choice.

The installation process continues until complete, which takes approximately 10–15 minutes. When the installation completes, the server reboots.
8. When prompted, press CTRL+ALT+DELETE to log on to the system.

The HP Initial Configuration Tasks (ICT) window launches automatically at logon. Use the ICT to perform setup tasks such as setting the time zone, network configuration, changing the computer name, joining a domain, and provisioning storage. For more information on any of these tasks, click the help icon for the appropriate task group in the ICT window.

Regulatory information

For important safety, environmental, and regulatory information, see *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at <http://www.hp.com/support/Safety-Compliance-EnterpriseProducts>.

Documentation feedback

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