



Quick Installation Guide

SMB Tower 4-bay Unified storage / SMB Tower 6-bay Unified storage

This document will guide you through the basic installation process for your new D-Link DNS-1250-04 and DNS-1250-06 NAS systems.

DNS-1250-04
DNS-1250-06





Warning

The electronic components within the NAS system are sensitive to damage from Electro-Static Discharge (ESD). Observe appropriate precautions at all times when handling the NAS system or its subassemblies.



Warning

The fan contains hazardous moving parts. Keep fingers away.



Caution

Risk of explosion if the battery is replaced by an incorrect type.



Important

To configure the NAS system, you are advised to install ShareCenterNAVI. Please refer to the User's Manual.

DNS-1250-04 and DNS-1250-06

Quick Installation Guide

This installation guide provides basic instructions for installing the DNS-1250-04 and DNS-1250-06 NAS systems on your network. For additional information about how to use the DNS-1250-04 and DNS-1250-06 NAS systems, see the User's Manual on the CD included in this package or from the D-Link support web site at <http://www.dlink.com>

Installation Steps

1. Verifying Package Contents
2. Hardware Overview
3. Hardware Installation
4. Network Configuration with the LCD Screen
5. Configuration with Wizard
6. Finding Folders and Files on the NAS System

1. Package Contents

Open the shipping carton for the DNS-1250-04 or DNS-1250-06 and carefully remove and unwrap its contents.

- D-Link DNS-1250-04 or DNS-1250-06
- CD-ROM with Manual and Software
- Quick Installation Guide
- Power Cord
- Ethernet Cable
- Screws for Physical Drive installation

If any of the above items are missing, please contact your reseller.

2. Hardware Overview

Front Panel

The DNS-1250-06 is similar.

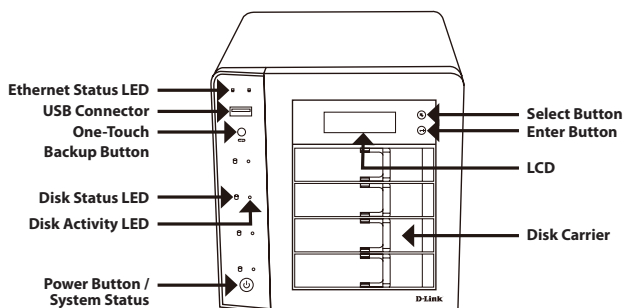


Figure 1. DNS-1250-04

Item	Function Description
Ethernet Status LED	LED – Green: Network active at 1000 Mb/s Orange: Network active at 100 Mb/s
Disk Status LED	<ul style="list-style-type: none">• Green: Drive is healthy• Orange: Disk is rebuilding• Red: Disk error• Flashing Green: Physical drive locate feature
Disk Activity LED	Disk access status
System Status LED	<ul style="list-style-type: none">• Green: System is healthy• Orange: Disk array degraded• Red: Disk array offline or Enclosure error• Flashing Red > Orange > Green: Power on
One-Touch Backup Button	Enable one-touch backup. Flashing green while backup is processing
Power Button	Power on / power off

2. Hardware Overview

Rear Panel

The DNS-1250-06 is similar.

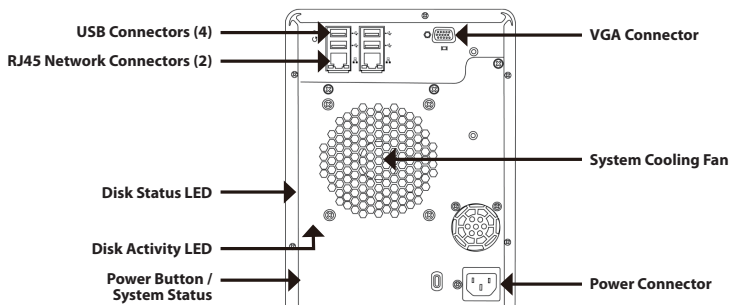


Figure 2. DNS-1250-04

Item	Description
USB Connectors	For USB printer and flash drive backup
RJ45 Network Connectors	For Ethernet cable connection
VGA Connector	Video output connection
Power Connection	Power cord connection

3. Hardware Installation

Note: We highly recommend that you choose Enterprise Level HDDs to achieve the best data protection.

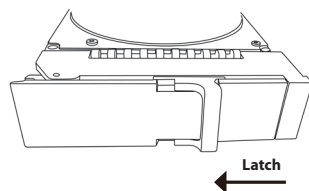
3.1 Installing Disk Drives

You can populate the DNS-1250-04 and DNS-1250-06 NAS systems with SATA 1.5 Gb/s or 3.0 Gb/s disk drives. For optimal performance, install disk drives of the same model and capacity. Your disk drives become a RAID Volume on the NAS system.

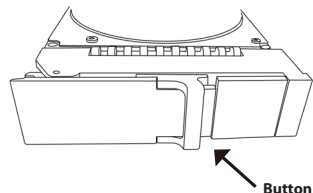
To install physical drives:

1. Remove the drive carrier from the enclosure.

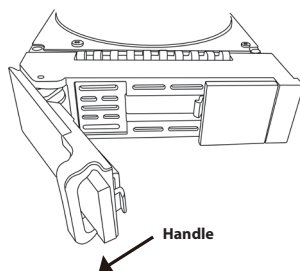
a. Slide the latch towards the left.



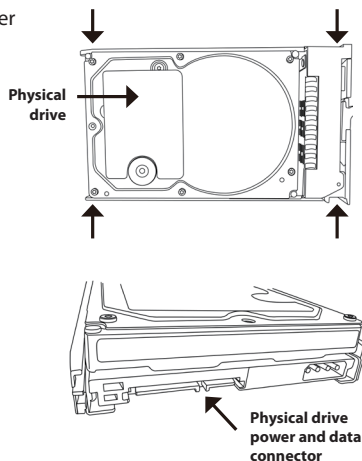
b. Press the button next to the latch.



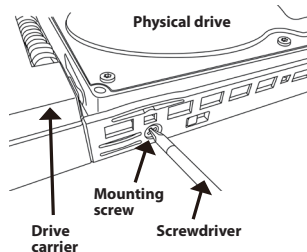
c. Pull the latch to open the disk tray door and then remove the disk tray from the enclosure.



2. Carefully lay the physical drive into the drive carrier and align the screw holes of the drive and carrier.



3. Insert the screws through the holes in the drive carrier and into the sides of the physical drive.
 - Install only the counter-sunk screws supplied with the DNS-1250-04 or DNS-1250-06.
 - Install four screws per drive.
 - Snug each screw. Be careful not to over-tighten.
4. Reinstall the drive carrier into the enclosure.
5. Repeat steps 1 through 4 until all of your physical drives are installed.

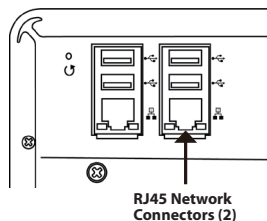


Caution: To avoid hand contact with an electrical hazard, remove only one drive carrier a time.

3.2 Connecting the Ethernet Cable

To connect the NAS system to your network:

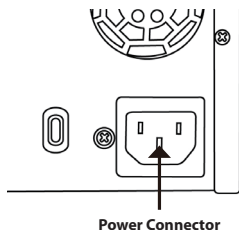
1. Attach one end of the network cable to an RJ45 network connector.
2. Attach the other end of the network cable to your Ethernet hub or switch.



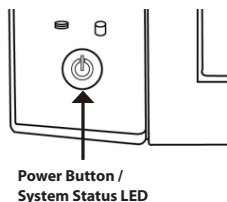
3.3 Connecting the Power

To connect and power up the NAS system:

1. Attach the power cord on the back of the enclosure
2. Plug the other end into your power source.



3. On the front of the NAS system, press the **Power Button**.



It takes about a minute to boot up. When fully booted:

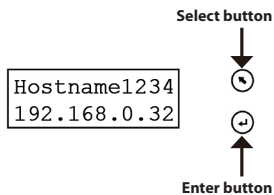
- The System Status LED turns blue.
- The buzzer beeps one time.

4. Network Configuration with the LCD Screen

The DNS-1250-04 and DNS-1250-06 NAS systems have an LCD screen on the front panel that enables you to monitor system status and configure the network

To configure the networking settings:

1. Press the **Enter** button to display the Network Setup option.
2. Press the **Select** button to choose each option.
3. Then press the **Enter** button to change the setting values.
4. When you are done, choose **OK** and press the **Enter** button to apply the networking configuration.



5. Configuration with Wizard

5.1 Browser Support

Choose one of the following browsers to use with the ShareCenter Pro configuration manager:

- Internet Explorer 7 and above
- Firefox 3 and above
- Safari 5 and above
- Google Chrome 8 and above

5.2 Connecting to ShareCenter Pro

To connect with the ShareCenter Pro configuration manager over your network:

1. Start your browser.
2. In the URL field, enter the default IP address **http://192.168.0.32**

The Login screen appears:

3. Choose the **System Administrator** option.
Or choose the **Others** option and type the user name in the field provided.

The default user name is administrator.

4. Type the default password into the field provided.
The default password is password.
5. Click the **Login** button.



5.3 Choosing a Display Language

ShareCenter Pro displays in English, Russian, Spanish, French, German, Italian, Japanese, Korean, Simplified Chinese, and Traditional Chinese.

Choose the display language from the dropdown menu when you log in.

If you have already logged in:

1. Click the Logout button at the top right corner of the ShareCenter Pro window.
The Login screen appears.
2. From the language dropdown menu, choose the display language you want.
3. Click the Login button to log into ShareCenter Pro again.

5.4 Setup Wizard

The Setup Wizard configures your disk arrays easily and quickly. To configure automatically, use One-Click Setup. To configure manually, use Advanced Setup.

Using the One-Click Setup Wizard

To configure your disk arrays with the One-Click Setup Wizard:

1. Click the **NAS** tab.
2. Click the **One-Click Setup** button.
The Summary box displays the proposed system configuration.
 - Computer Name – Input a new name, if desired
 - IP Address – Shows the IP address assigned by your DHCP server
 - Storage Type – Data Protection by default
3. To accept the proposed configuration, click the **Submit** button.
If you disagree with the proposed configuration, click the **Advanced Setup** button to specify your settings manually.

Using Advanced Configuration Wizard

To configure your disk arrays with the Advanced Setup Wizard:

1. Click the **NAS** tab.
2. Click the **Advanced Setup** button.
3. Make the following network settings as required.
The Summary box displays the proposed system configuration.
 - Computer Name – Input a new name, if desired
 - Member of – Check the box to let you enable DHCP make the network settings
4. If you did not check the Member of box, input your settings in the fields provided,
 - IP Address
 - Subnet Mask
 - Default Gateway
 - Primary DNS
 - Secondary DNSWhen you are finished, click the **Next** button

5. Choose the file system option you want.

Data Protection – Uses part of the physical drive space for redundancy

Maximum Capacity – Uses all physical drive space for data only

When you are finished, click the Next button.

6. Review the proposed configuration and click the **Submit** button.

If you disagree with the proposed configuration, click the **Back** button to change your settings.

6. Finding Folders and Files on the NAS System

To find folders or files on the NAS system:

1. From the Start menu, click Computer.

2. From the list at the left of the window, under Desktop, click Network.

All of the devices on your network are displayed in the Network folder, including the NAS system.

3. Double-click the NAS system's icon to see the files and folders saved on it.

Notes: If your user name and password for the computer are different from those for NAS system, you are prompted to enter your username and password.

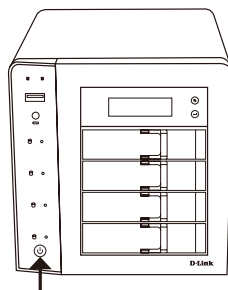
Use the Windows Credential Manager to store your username and password for the NAS system so you can log in automatically.

Shutting Down the NAS System

To shut down the NAS system, on the front of the NAS system enclosure, press and hold the Power Button /

System Status LED for five seconds.

The system status LED turns red, and then goes dark.



Power Button /
System Status LED

Contacting Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products. U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

Before you contact technical support, please have the following ready:

- Model number of the product (e.g. DNS-1250-04)
- Hardware Revision (located on the label on the bottom of the access point (e.g. rev A1))
- Serial Number (s/n number located on the label on the bottom of the access point).

You can find software updates and user documentation on the D-Link website as well as frequently asked questions and answers to technical issues.

United States:

Phone Support:

(877) 354-6555

Internet Support:

<http://support.dlink.com>

Canada

Phone Support:

(877) 354-6560

Internet Support:

<http://support.dlink.ca>

D-Link®

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