

NETGEAR ReadyNAS NV+

Start Here

Follow these instructions to install your NETGEAR® ReadyNAS™ NV+. Then, consult the *ReadyNAS Setup Manual* on your *Installation CD* for instructions on installing the RAIDar utility and using the FrontView Setup Wizard to configure ReadyNAS. Access the *ReadyNAS User Guide* on the *Installation CD* to configure any advanced features. The *ReadyNAS User Guide* is also on the NETGEAR support site at <http://kbserver.netgear.com>.

Warning: If you purchased a diskless unit, please read the optional disk installation section before installing the RAIDar™ utility or connecting ReadyNAS to the network.

First, check your package contents

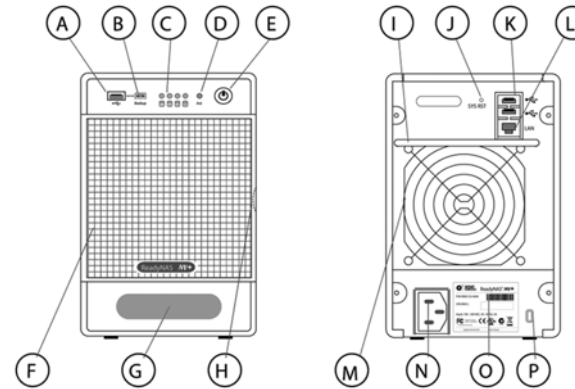
Before starting installation, check your package contents:

- ReadyNAS NV+
- Four hard disk trays
- Installation Guide
- Warranty Card
- Power cable
- Ethernet cable
- ReadyNAS *Installation CD*
- 16 screws for hard disk installation (included only with diskless units)

Then, take a moment to identify the features of your ReadyNAS NV+

- A.** USB port (1)
- B.** Programmable backup button
- C.** Disk LEDs. Green for disk online.
- D.** Activity LED. Blinks for disk access.
- E.** Power button with indication LED

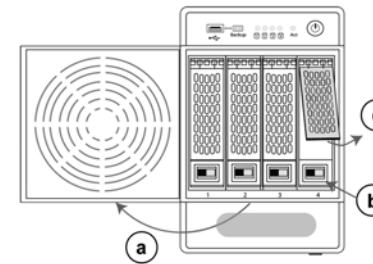
- F.** Disk tray door.
- G.** LCD display panel
- H.** Disk tray door access
- I.** Unit handle
- J.** System reset switch pin
- K.** USB port (2) and (3)
- L.** Ethernet port (RJ45)
- M.** Cooling fan
- N.** Power connector (100-240VAC, 50/60HZ)
- O.** Label (includes serial number and MAC address)
- P.** Kensington security lock



Install the hard disks (optional)

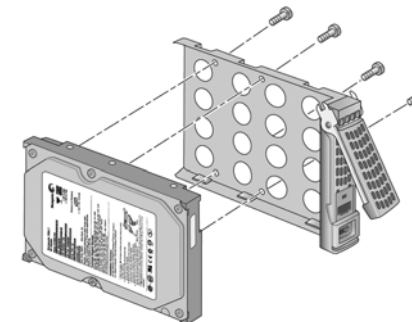
This is an optional step, required only if you purchased a diskless unit.

1. Remove the disk tray from the unit:
 - a. Open the door.
 - b. Press to release the latch.
 - c. Pull out the tray.



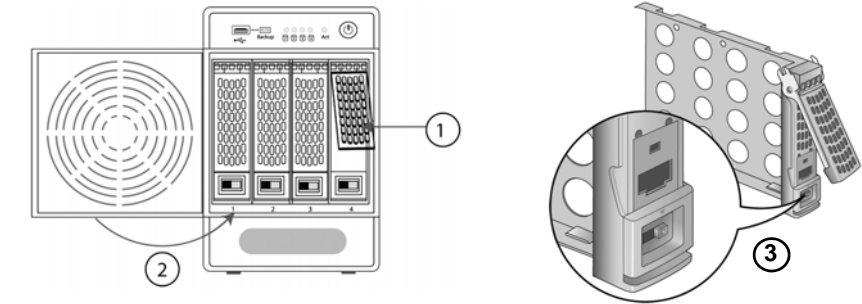
2. Insert a hard drive into the tray. Position the drive with the bottom facing out from the tray, and the connectors facing away.

Use the four screws provided with the unit to secure the drive to the tray.



3. With the latch in the open position (1), slide the disk tray into the unit completely, securing the latch and closing the door (2).

Note: If you want to prevent easy removal of the disk from the drive bay, set the lock (3): to the right is unlocked; to the left is locked.



Finally, install the RAIDar utility

Your Installation CD contains the RAIDar utility for Windows, MAC and Linux. See the *ReadyNAS Setup Manual* for installation instructions. When you complete installation of the RAIDar utility, you are ready to power on ReadyNAS.

Initialize hard disks (if disks installed separately)

If you purchased a diskless ReadyNAS, after you install the hard disks and perform the RAID Configuration, you must wait until the volume creation has completed before accessing the FrontView™ Setup Wizard (see the *ReadyNAS Setup Manual* and *ReadyNAS User Guide* for complete instructions). It will take up to 2 hours, depending on disk capacity.

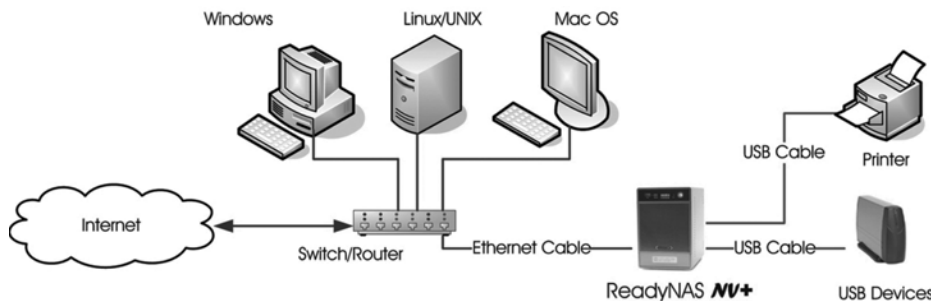
An additional 2 to 10 hours are required before the RAID synchronization has completed and the system is fully redundant. During the background RAID synchronization, access to the NAS will be slower than normal. The RAIDar column, shown in the following table, will indicate progress.

Duration	1	2	3	4	Act	Description	LED Description	RAIDar Information
2 minutes	○	○	○	○	☀	Initial boot up	OS booting	
10 minutes	○	○	○	○	☀	Perform RAID configuration on RAIDar (optional)	Waiting for RAIDar config	Click Setup
~ 2 hours	○	○	○	○	☀	Volume Creation	Installing Creating Volume/booting	Installing Creating/booting
	●	●	●	☀	☀	ReadyNAS is not accessible during this time		
~ 10 hours	●	●	●	☀	☀	RAID synchronization. ReadyNAS is accessible during this time.	IP Address; Host Name	Firmware Version
	●	●	●	●	○	Normal status. ReadyNAS is fully redundant.		Firmware Version
Error ^a	☀	☀	☀	☀	○	No disks detected if all disk LEDs flash at once, and if disk 2 flashes repeatedly	Error. No disk detected.	Firmware version
	○	☀	○	○	☀			
Error ^a	●	●	☀	●	○	Bad disk detected if one disk LED flashes once per second. The disk corresponding to this LED is bad.	IP Address; Host Name	Firmware Version

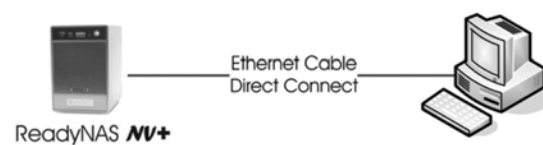
a. Installation will abort if an error is detected.

Legend: ○ LED off; ● LED on; ☀ LED slow blinking; ☀ LED fast blinking

Connect ReadyNAS



ReadyNAS connected directly to your network.



ReadyNAS connected directly to your PC (no cross-over cable needed).

When connecting ReadyNAS, please note the following:

- **ReadyNAS connected directly to your network:** If your client has a static IP address, make sure it is on the same IP address subnet as the ReadyNAS device. You can do this by configuring your client to obtain its IP address via DHCP. Even if your network does not have existing DHCP service, the ReadyNAS device will assure that you will get an IP address.
- **ReadyNAS connected directly to your PC:** If you are connecting a PC directly to ReadyNAS (and not through a network), first set a static IP address on your PC in the 192.168.168.xxx subnet, subnet mask 255.255.255.0. You can then use RAIDar to detect ReadyNAS, or you can open a browser and enter the ReadyNAS default IP address <https://192.168.168/admin> to connect to the ReadyNAS.

Technical Support

Thank you for selecting NETGEAR products. After installing your device, locate the serial number on the label of your product and use it to register your product at <http://www.NETGEAR.com/register>. Registration is required before you can use our telephone support service. Registration via our website is strongly recommended.

Go to <http://kbserver.netgear.com> for product updates and Web support. For Warranty and Regional Customer Support information, see the *Resource CD* that came with your product.

An approved hard disk hardware list is available from the NETGEAR Support site.



This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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