NETGEAR Support

How do I access the boot menu on my ReadyNAS 316, 516, 716?

Was this article helpful? 👍 Yes   👎 No

Use the boot menu to restart or troubleshoot your ReadyNAS storage system. Your storage system has the following boot modes:

- **Normal**. Initiates a normal boot process, just like booting using the Power button.
- **Factory default**. Initiates a short disk test that takes approximately 2 minutes. After the disk test, a 10-minute time-out period begins.

  WARNING: The factory default reboot process resets the storage system to factory settings, erases all data, resets all defaults, and reformats the disk to X-RAID2.

  ◦ If you want to cancel the factory default process, power off the storage system before the 10-minute time-out ends. The system powers down safely without causing any data loss.
  ◦ If you want to reset the system to factory default settings, do not power off your system. After the 10-minute time-out period, the factory default process begins.

This article applies to:

➡ Desktop - Business (20)
  RN316
  RN31600
  RN31661D
  RN31661E
  RN31662D
  RN31662E
  RN31663D
  RN31663E
  RN31664D
  RN31664E
  RN516
  RN51600
  RN51661D
  RN51661E
  RN51662D
  RN51662E
  RN51663D
  RN51663E
  RN51664E
  RN716X

How to Find Your Model Number ›

Tip: To start the factory default process immediately, press the **OK** button during the 10-minute time-out period.

- **OS reinstall**. Reinstalls the firmware from the internal flash to the disks. Use the OS reinstall boot mode when the system crashes and corrupts some configuration files. OS reinstall boot mode also resets some settings on your storage system, such as Internet protocol settings and the administrator password, to defaults.
- **Tech support**. Boots into a low-level diagnostic mode. Use the tech support boot mode only when a NETGEAR technical support representative instructs you to do so.
- **Volume read only**. Mounts a volume as read-only. Use this option when you are attempting to rescue data off a disk during a disaster recovery.
- **Memory test**.Performs a memory test. The pass or fail result is reported on the status display screen.
- **Disk Test**. Performs an offline full disk test. This process can take four hours or more, depending on the size of your disks. Any problems are reported in the system logs. For more information about viewing the system logs, see the ReadyNAS OS 6 Software Manual, which is available at http://support.netgear.com/product/ReadyNAS-OS6

To access the boot menu:

1. Power off your storage system.
2. Using a straightened paper clip, press and hold the **Reset** button.

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Start typ

3. Press the **Power** button. The system powers on.

4. Continue to press the **Reset** button until the status display screen shows a boot menu message.

5. Release the **Reset** button.

6. Press the **Up** or **Down** arrows on the Touchpad to scroll through boot mode options.The status display screen shows the current boot mode option.

7. When the status display screen shows the boot mode that you need, press the **OK** button in center of Touchpad to confirm your boot menu selection.

   The system boots in the selected boot mode.

Was this article helpful?   👍 Yes

👎 No

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