

# **Time Machine Setup for Routers**

User Manual

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### 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 *https://my.netgear.com*. You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website.

For product updates and web support, visit <a href="http://support.netgear.com">http://support.netgear.com</a>.

Phone (US & Canada only): 1-888-NETGEAR.

Phone (Other Countries): Check the list of phone numbers at http://support.netgear.com/general/contact/default.aspx.

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#### Compliance

For regulatory compliance information, visit <a href="http://www.netgear.com/about/regulatory/">http://www.netgear.com/about/regulatory/</a>.

See the regulatory compliance document before connecting the power supply.

# Contents

### Chapter 1 Prepare Your USB HDD and Mac Computer

Supported Mac Operating Systems	5
Supported NETGEAR Routers	5
Supported USB Hard Disk Drives	5
Set Up a USB Hard Drive on a Mac	5
Prepare Your Mac to Back Up a Large Amount of Data	8

### Chapter 2 Back Up With Time Machine

# Prepare Your USB HDD and Mac Computer

You can use Time Machine to back up your Mac computer onto a USB hard disk drive (HDD) that is connected to one of the router's USB ports. Before you back up using Time Machine, read this chapter to prepare your USB HDD and Mac computer.

This chapter contains the following sections:

- Supported Mac Operating Systems
- Supported NETGEAR Routers
- Supported USB Hard Disk Drives
- Set Up a USB Hard Drive on a Mac
- Prepare Your Mac to Back Up a Large Amount of Data

For more information about the topics covered in this manual, visit the support website at *http://support.netgear.com*.

# Supported Mac Operating Systems

To determine if your Mac computer supports Time Machine, see the Apple support site or see the documentation that came with your Mac.

**Note:** The images used in this user manual were taken on a MacBook Air running OS X Yosemite.

## **Supported NETGEAR Routers**

To determine if your NETGEAR router supports Time Machine, see your router's user manual, which is available at *http://downloadcenter.netgear.com*.

## Supported USB Hard Disk Drives

For the most up-to-date list of USB HDDs that your router supports, visit *http://kbserver.netgear.com/readyshare*.

# Set Up a USB Hard Drive on a Mac

NETGEAR recommends that you use a new USB HDD or format your old USB disk to do the Time Machine backup for the first time. Use a blank partition to prevent some issues during backup using Time Machine. The router supports GUID or MBR partitions.

#### > To format your USB hard disk drive and specify partitions:

- 1. Connect a USB HDD to a USB port on your Mac computer.
- 2. On your Mac, go to the **Spotlight** (or the magnifying glass), which is at the top right of your computer's menu bar, and search for **Disk Utility**.

**3.** Open the Disk Utility, select your hard disk drive, click the **Erase** tab, and click the **Erase** button.

			SM	USB DISK	Media					
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Verify Info Bur	n Mount	Eject	Enable Journaling	New Image	Convert	Resize Ima	age			Log
Apple Macinto	sh			First Aid	Erase	Partition	RAID	Restore		
Apple Maci     2 GB SMI USI     ON NAME	ntosh 3 DISK Medi	ia	To erase all data of 1 Select the d 2 Specify a fo 3 If you want to Options. 4 Click Erase.	on a disk or v isk or volume rmat and nan to prevent the	volume: e in the lis ne. e recovery	t on the left y of the disk	's erased	data, click	Security	
5			To prevent the red volume in the list	covery of pre on the left, a	viously de nd click E	eleted files v Frase Free S	vithout er pace.	asing the vo	olume, select	a
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4. Click the **Partition** tab.

SMI USB DISK Media						
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Verify Info Burn Mount Eject	Enable Journaling New Image	Convert Resize Image	Log			
Apple Macintosh Apple Macintosh 2 GB SMI USB DISK Media NO NAME	First Aid I	Trase       Partition       RAID       Restore         Partition       Information         Name:       NO NAME         Format:       MS-DOS (FAT)         Size:       2       GB         To erase and partition the selected disk, choose layout from the Partition, and click Apply.         You can't resize the partition, and click Apply.         You can't resize the partitions on this disk becauses the Master Boot Record partition scheme         This partition can't be modified.	ie a set ause it			
	+- Options	Revert Apply				
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🗧 😑 🗧 SMI USB DISK Media					
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Apple Macintosh Apple Macintosh 2 GB SMI USE DISK Media NO NAME	First Aid  Partition Layout:  Current  1 Partition 2 Partitions 3 Partitions 4 Partitions 6 Partitions 6 Partitions 7 Partitions 9 Partitions 10 Partitions 11 Partitions 12 Partitions 13 Partitions 14 Partitions 15 Partitions 16 Partitions 16 Partitions 16 Partitions 17 Partitions 18 Partitions 19 Partitions 19 Partitions 10 Partitions 10 Partitions 10 Partitions 11 Partitions 11 Partitions 12 Partitions 14 Partitions 15 Partitions 16 Partitions 16 Partitions 17 Partitions 16 Partitions 17 Partitions 17 Partitions 18 Partitions 19 Partitions 19 Partitions 10 Partitions	Erase Partit Partition Name: Format: Size: To erase a layout fro options fo You can't uses the N This partit	on RAID Information NO NAME MS-DOS (FA 2 and partition th m the Partition resize the part Vaster Boot Re sion can't be m	Restore	<ul> <li>k, choose a p menu, set oply.</li> <li>disk because it scheme.</li> </ul>
Disk Description : SMI Connection Bus : USB Connection Type : Exte USB Serial Number : AA0	USB DISK Media 1 , , rnal S.M 00000000000000456 Partition	Fotal Capacity : 2 Write Status : F I.A.R.T. Status : N Map Scheme : N	2 GB (2,002,78 Read/Write Not Supported Master Boot Re	0,160 Bytes) ecord	
<b>(?</b> )					

5. In the **Partition Layout** menu, set the number of partitions that you want to use.

The **Options** button displays at the bottom of the page.

6. Click the **Options** button.



- 7. Select the **GUID Partition Table** or **Master Boot Record** radio button and click the **OK** button.
- 8. In the Format menu, select Mac OS Extended (Journaled).

	SMI USB DISK Media	
Verify Info Burn Mount Eject	Enable Journaling New Image Convert Resize Image	WARNIN AV 7:86 Log
Apple Macintosh Apple Macintosh C 2 GB SMI USB DISK Media NO NAME	First Aid       Erase       Partition       RAID       Restore         Partition       1       Partition       Name:       Untitled 1         I Partition       Image: Partition       Name:       Image: Partition         I Partition       Image: Partition       Image: Partition       Image: Partition         I Partition       Image: Partition       Image: Partition       Image: Partition         I Untitled 1       Image: Partition       Image: Partition       Image: Partition         I Untitled 1       Image: Partition       Image: Partition       Image: Partition         I Untitled 1       Image: Partition       Image: Partition       Image: Partition       Image: Partition         I Untitled 1       Image: Partition       Image: Partition       Image: Partition       Image: Partition         I Untitled 1       Image: Partition       Image: Partition       Image: Partition       Image: Partition       Image: Partition         I I I I I I I I I I I I I I I I I I I	a at
Disk Description : SMI U Connection Bus : USB Connection Type : Extern USB Serial Number : AA000	USB DISK Media Total Capacity : 2 GB (2,002,760,160 Bytes) Write Status : Read/Write nal S.M.A.R.T. Status : Not Supported 000000000000456 Partition Map Scheme : Master Boot Record	

9. Click the Apply button.

Your settings are saved.

## Prepare Your Mac to Back Up a Large Amount of Data

Before you back up a large amount of data with Time Machine, NETGEAR recommends that you follow this procedure to prepare your Mac.

- > To prepare to back up a large amount of data:
  - 1. Upgrade the operating system of the Mac computer.
  - 2. Verify and repair the backup disk and the local disk.
  - 3. Verify and repair the permissions on the local disk.
  - 4. Set Energy Saver:

- . . . > :::: System Preferences Q Search File Nev () - $\bigcirc$ O 010 General Desktop & Mission Security Spotlight Notifications Dock Language Screen Saver Control & Region & Privacy V Displays Energy Keyboard Mouse Trackpad Printers & Sound Saver Scanners @ \*  $\langle \mathbf{\hat{k}} \rangle$ M iCloud Internet Extensions Network Bluetooth Sharing Accounts 11 Δ Ų 18 X Users & Groups Dictation Startup Accessibility Parental App Store Date & Time Time Controls & Speech Disk Machine £ Flash Player
- a. From the Apple menu, select System Preferences.

b. Select Energy Saver.

	Energy Saver	Q Search
	Battery Power Adapter	
Computer sleep:	15 min	hr 3 hrs Never
Display sleep:	15 min	hr 3 hrs Never
Put hard disks to sleep when	possible	
Vake for Wi-Fi network acces	SS	
Enable Power Nap while plug While sleeping, your Mac can back calendar, and other iCloud update	ged into a power adapter k up using Time Machine and peri s	odically check for new email,
Current battery charge: 92%		Restore Defaults
✓ Show battery status in menu bar		Schedule ?

- c. Click the Power Adapter tab.
- d. Select the Wake for Wi-Fi network access check box.
- e. Click the back arrow to save the changes and exit the page.
- 5. Modify your security settings:

- a. From the System Preferences window, select Security & Privacy. ••• < ..... Security & Privacy Q Search General FileVault Privacy Firewall A login password has been set for this user Change Password... Require password 5 seconds 0 after sleep or screen saver begins Show a message when the screen is locked Set Lock Message... Disable automatic login Allow apps downloaded from: Mac App Store Mac App Store and identified developers Anywhere

b. Click the Advanced button at the bottom of the page.

Click the lock to prevent further changes.

If the Advanced button is grayed out, click the lock icon so that you can change the settings.

Advanced...

?



c. Clear the Log out after minutes of inactivity check box.

d. Click the OK button.

Your changes are saved.

# Back Up With Time Machine



You must follow the instructions in *Chapter 1* to prepare your USB HDD and Mac computer before you can back up your Mac computer using Time Machine.

# Use Time Machine to Back Up Onto a USB Hard Drive

You can use Time Machine to back up your Mac computers onto a USB HDD that is connected to one of the router's USB ports.

#### > To back up your Mac onto a USB hard drive:

- 1. If you are already using Time Machine with a USB HDD, skip Steps 2 and 3 and go to Step 4.
- 2. Prepare your USB HDD with a compatible format and partitions.

For more information, see Set Up a USB Hard Drive on a Mac on page 5.

3. Prepare your Mac if you plan to back up a large amount of data.

For more information, see *Prepare Your Mac to Back Up a Large Amount of Data* on page 8.

4. Connect your USB HDD to a USB port on your router.

If your USB HDD uses a power supply, you must use it when you connect the USB HDD to the router.

When you connect the USB HDD to the router's USB port, it might take up to two minutes before it is ready for sharing. By default, the USB HDD is available to all computers on your local area network (LAN).

- **5.** Connect your Mac computer to the router's network using a WiFi connection or a wired Ethernet connection.
- 6. Launch Finder and select Go > Connect to Server.



The Connect to Server window displays.

7. In the Server Address field, type smb://routerlogin.net and click the Connect button.

• • •	Connect to Server	
Server Address:		
smb://routerlogin.net		+ 0~
Favorite Servers:		
? Remove	Brows	Se Connect

8. When prompted, select the **Registered User** radio button.

###	Enter your name and password for the server "routerlogin.net". Connect as: Guest Registered User
	Name: admin
	Password: •••••
	Remember this password in my keychain
	Cancel Connect

9. Enter admin for the name and password for the password and click the Connect button.

A list of USB devices connected to your router displays.

•••		📇 T_Drive	
<>		• <b>*</b> • • •	Q Search
Devices ⓒ Remote Disc Shared ☐ routerlogin.net ▲ R7000 readyshare	oplications brary by stem sers blumes	Apple Macintosh     I_Drive     USB_Storage     Δ ►	▶ netgear_downloader ►
Tags Red Orange Yellow Green Blue Purple Gray			
O All Tags			

10. From the Apple menu, select System Preferences.

•••			System P	references	(	Q Search	
General	Desktop & Screen Saver	osøo Dock	Mission Control	Language & Region	Security & Privacy	Q Spotlight	Notifications
Displays	Energy Saver	Keyboard	Mouse	Trackpad	Printers & Scanners	Sound	
iCloud	Internet Accounts	Extensions	Network	Bluetooth	Sharing		
Users & Groups	Parental Controls	App Store	Dictation & Speech	Date & Time	Startup Disk	Time Machine	Accessibility
Flash Playe	er						

11. Select Time Machine.



12. Click the **Select Backup Disk** button and select your USB device from the list.

000 <>		Time Machine	Q. Search
	Othe Set u	3_Storage A7000" er AirPort Time Capsule up an AirPort Time Capsule that is not listed here	
	? 🗆 Enc	crypt backups Cancel Use Dis	ecomes full.
		Show Time Machine in menu bar	Options ?

- 13. Click the Use Disk button.
  - **Note:** If you do not see the USB partition that you want in the Time Machine disk list, go to Mac Finder and click that USB partition. It displays in the Time Machine list.

**14.** When prompted, select the **Registered User** radio button.

Enter your name and password for the server "R7000" so that Time Machine can access it.		
Connect as: Guest • Registered User		
Name: admin		
Password: ••••••		
Cancel Connect		

**15.** Enter **admin** for the name and **password** for the password and click the **Connect** button.

The setup is complete.

••• • • •	Time Machine	Q Search
Time Machine	Apple Ma 38.3 GB o Oldest bau Latest back Next back Select Disk Time Machine keeps: • Local snapshots as space perm • Hourly backups for the past 24 • Daily backups for all previous The oldest backups are deleted v	acintosh – R7000 f 250 GB available ckup: None ckup: None up: When on Power Adapter hits hours th a months when your disk becomes full.

Your Mac automatically schedules a full backup. You can back up immediately if you want.