

# NETGEAR® Installation Guide

## ProSafe® 24-port 10/100Mbps Switch JFS524

### Start Here

Estimated Installation Time: 5–10 minutes

### Unpack the Box and Verify the Contents

When you open the box, verify that you received everything. The package includes:

- ProSafe® 24-port 10/100Mbps Switch JFS524
- AC power cord
- Rack-mounting kit
- *Installation Guide* (this document)

If you do not have everything listed above, see the support information card for contact information. If you are missing the support information card, get contact information at <http://www.NETGEAR.com> in the Technical Support section.

### Prepare to Install the Switch

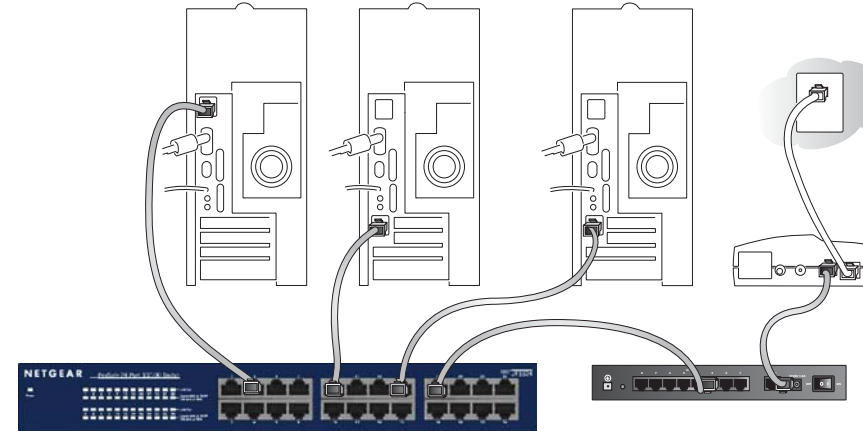
Decide where you want to place the switch. Find a flat horizontal surface such as a table, desk or shelf. The switch comes with rack-mounting screws. You can use the screws if you want to mount the switch in an equipment rack. Make sure the selected location is:

- Not in direct sunlight or near a heater or heating vent.
- Not cluttered or crowded. There should be at least 2 inches (5 cm) of clear space on all sides of the switch.
- Well ventilated (especially if it is in a closet).

Also, you will need one Category 5e (Cat 5e) Ethernet cable with RJ-45 connectors for each device you want to connect to the switch. Each Ethernet cable must be less than 328 feet (100 meters).

### Install the Switch and Connect the Other Devices

1. Place the switch on a flat surface or mount in a rack.
2. For each device, insert one end of an Ethernet cable into the port in the device and insert the other end into one of the Ethernet ports on the switch.



3. Connect the power cord into the back of the switch and then plug the cord to an AC power source (such as a wall socket or power strip). The Power light should light up.



4. Check the LEDs to confirm that all connections are correct.

LED	Activity
Power	<ul style="list-style-type: none"><li>• On: Switch has power.</li><li>• Off: No power.</li></ul>
RJ-45 ports	<ul style="list-style-type: none"><li>• Top LED on/Blink: Link/Activity</li><li>• Bottom LED Off/Green: 10 Mbps/100Mbps.</li></ul>

### Specifications

Technical Specifications	
Standards Compliance	IEEE 802.3i 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3x full-duplex Flow Control, compatible with all major network software
Network Interface	Twenty-four (24) 10/100 Mbps Ethernet RJ-45 ports
MAC Address	4K
AC Power	100-240VAC 50-60Hz, 1.2A max., localized to country of sale
Power Consumption	5.9W max
Weight	1.43 kg (3.15 lb)
Dimensions (H x W x D)	43 x 330 x 173 mm (1.7 x 13 x 6.8 in)
Operating Temperature	0 to 50° C (32 to 122° F)
Operating Humidity	90% maximum relative humidity, non-condensing
Electromagnetic Compliance	CE mark (commercial), FCC Part 15 Class A, EN 55022 (CISPR 22) Class A, VCCI Class A, C-Tick, KCC
Safety Agency Approvals	UL listed (UL 60950-1)/CUL, CB, CCC

## Troubleshooting Tips

Problem	Action
Power light is not lit	The switch has no power. Make sure that: <ul style="list-style-type: none"><li>• The power cord is properly connected to the switch.</li><li>• The power cord is properly connected to a functioning power outlet. If it is in a power strip, make sure the power strip is turned on. If the socket is controlled by a light switch, make sure the switch is in the on position.</li></ul>
Port number light is not lit for a connected device, or stays on continuously	There is a hardware connection problem. <ul style="list-style-type: none"><li>• Make sure the cable connectors are securely plugged in at the switch and the device.</li><li>• Make sure the connected device is turned on.</li><li>• If the Ethernet cable is connected to a NIC or other Ethernet adapter, make sure the card or adapter is installed correctly and is working.</li><li>• Make sure the cable is less than 328 feet (100 meters).</li></ul>

"Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."



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## 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 the telephone support service. Registration via our website is strongly recommended.

Go to <http://support.netgear.com> for product updates and Web support.

For additional information about setting up, configuring, and using your 24-port Unmanaged Plus Switch, see the *User Manual*.

For complete DoC please visit the NETGEAR EU Declarations of Conformity website at: [http://support.netgear.com/app/answers/detail/a\\_id/11621/](http://support.netgear.com/app/answers/detail/a_id/11621/)



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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