



# JFS524F

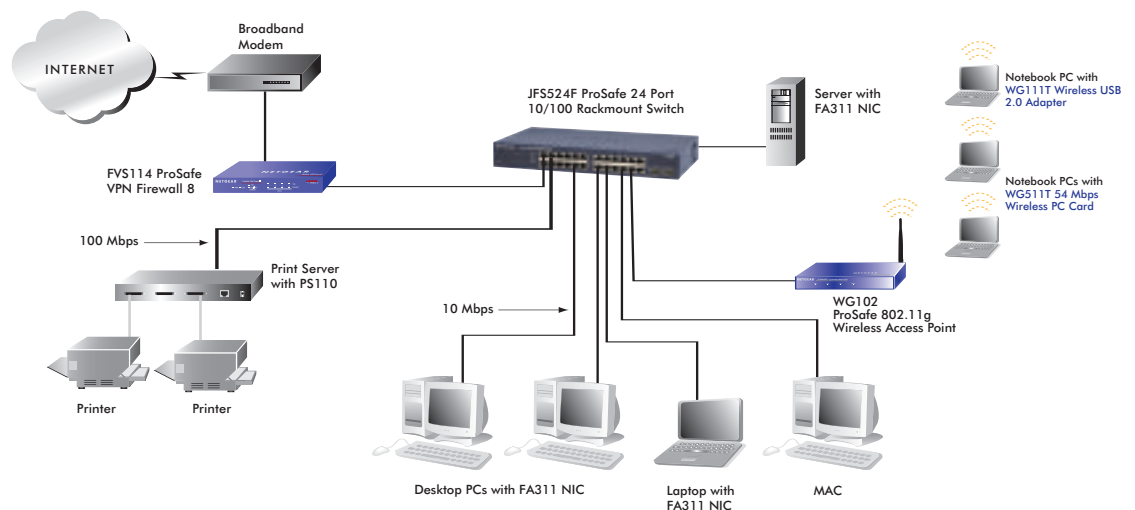
## ProSafe™ 24 Port 10/100 Rackmount Switch with 100FX Slot

- *Help is there when you need it! NETGEAR provides 24x7 technical support\* in English, with selected local language support during office hours.*

### Need a quantum leap in office network capability?

NETGEAR delivers a cost-effective solution - the JFS524F unmanaged 10/100 Fast Ethernet switch provides expanded connectivity for small office networks to enable long distance and secure uplink connections. Standards-based for easy integration of 10 and 100 Mbps devices, this unmanaged, rack-mountable switch feature 24 10/100 Mbps ports and one slot for 100FX fiber connectivity. With 200 Mbps throughput per port, plus Auto Uplink™ on every port, growing business networks can benefit from superior performance and keep up with expanding network needs.

- Accessible** ● Switched 10/100 ports and one 100FX slot provides private bandwidth for PCs, servers, or hubs, and a secure, long-distance uplink connection via the AF711F 100FX module.
- Smart** ● All 24 ports provide automatic speed and duplex sensing, plus Auto Uplink to adjust for straight-through or crossover cables and make the right link.
- Convenient** ● Ever-vigilant, the JFS524F begins to operate as soon as it's powered on - with no configuration required. Compact enough for desktop but comes with a rack mount kit. Compatible with PC, Macintosh, Linux, and Unix operating systems.
- Obliging** ● This rugged metal unit is conveniently compact for an uncluttered desktop or easy rack mounting. And, it allows you easily intermix 10 and 100 Mbps devices within your unmanaged network.



## Technical Specifications

- Network Ports:
  - 24, 10, or 100 Mbps Rj-45 ports
  - SC connector on AF711F module 100FX
- Performance (64 byte packets):
  - Store-and-forward packet switching
  - Forward rate (10 Mbps)  
14,800 packet per sec.
  - Forward rate (100 Mbps)  
148,000 packet per sec.
  - Latency (100 to 100 Mbps, 64-byte packet)  
10 µsec max
  - MAC addresses 4,000
  - Queue buffer KBytes 256
- Physical Specifications:
  - **Dimensions (h x w x d):** 43 x 330 x 169 mm  
(1.7 x 13 x 6.7")
  - **Weight:** 1.6 kg (3.5 lbs)
- AC Power:
  - 10.5W maximum
  - Auto-sensing 100 to 240V, 50/60 Hz
  - Localized plug for North America, Japan, UK, Europe, Australia
- Standards Compliance:
  - IEEE 802.3i 10BASE-T Ethernet
  - IEEE 802.3u 100BASE-TX Fast Ethernet
  - IEEE 802.3 100BASE-FX Fast Ethernet (requires AF711F module)
- Status LEDs:
  - **Unit:** power
  - **Per network port:** 10 or 100 Mbps operations, Rx/Tx and link
- Electromagnetic Emissions:
  - CE mark, commercial
  - FCC Part 15 Class A
  - EN 55 022 (CISPR 22), Class A
  - VCCI Class A
  - C-Tick
  - MIC
- Environmental Specifications:
  - **Operating temperature:** 0 to 40°C  
(32° to 140°F)
  - **Operating humidity:** 80% maximum relative humidity, noncondensing
- Safety Agency Approvals:
  - UL listed (UL 1950)/CUL
- Warranty:
  - NETGEAR 2-year warranty

## Package Contents

- JFS524F ProSafe 10/100 Switch with 100FX slot
- Power cord
- Rackmount kit
- User guide
- Warranty/Support information card

## Module

- NETGEAR AF711F 100FX module

## NETGEAR Related Products

- 32-bit 10/100 PCI Adapter FA311
- PC Card 10/100 Adapter FA511
- ProSafe 5 Port 10/100 Desktop Switch Model FS105
- ProSafe 8 Port 10/100 Desktop Switch Model FS108
- ProSafe 16 Port 10/100 Desktop Switch Model FS116
- ProSafe 16 Port 10/100 Rackmount Switch Model JFS516
- ProSafe 24 Port 10/100 Rackmount Switch Model JFS524



4500 Great America Parkway  
Santa Clara, CA 95054 USA  
Phone: 1-888-NETGEAR  
E-mail: info@NETGEAR.com  
www.NETGEAR.com

©2005 NETGEAR, Inc. NETGEAR®, Everybody's connecting®, the Netgear logo, Auto Uplink, ProSafe, Smart Wizard and RangeMax are trademarks or registered trademarks of NETGEAR, Inc. in the United States and/or other countries. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. All rights reserved.

\* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.