FS526T
24-port Smart Switch with Gigabit Ports

Two Gigabit Ports Plus Easy Browser-based Management

NETGEAR's Smart Switch delivers built-in gigabit power at a very attractive price. With the utility of 24 10/100 Mbps ports and 2 copper Gigabit Ethernet ports, growing business networks can benefit from superior performance and keep up with expanding network needs. This high-performance switch connects to servers or a Gigabit-speed backbone for a non-stop 10/100/1000-enabled network that can quickly deliver large multimedia, image, and video files. All 26 RJ-45 ports automatically negotiate to the highest speed and support Auto Uplink™ technology to make the right link. In addition, an intuitive, Web-browser interface offers simple switch management, making it a snap to monitor switch performance, configure ports, even set up port trunks, VLANs, and traffic prioritization. Shipped ready for use straight out of the box, it delivers switching that's easy to set up and use.
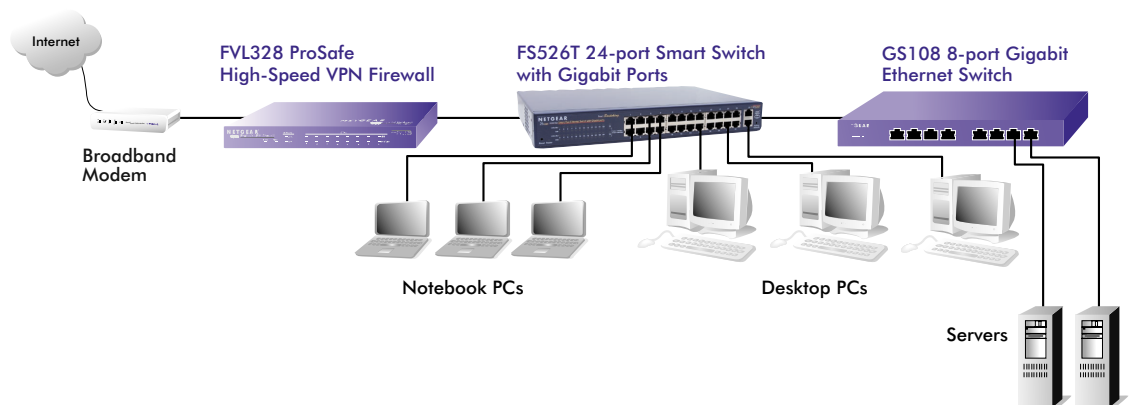
Dynamic Two RJ-45 copper Gigabit ports make it possible to create high-speed connections to a server or network backbone.

Sharp Web-based Smart management features include performance monitoring, port configuration, VLAN for traffic control, port trunking for increased bandwidth, and Class of Service (CoS) for traffic prioritization.

Convenient LEDs integrated with the network ports located on the front panel make switch status easy to observe and troubleshooting easy to accomplish. Smart Wizard software simplifies installation and updates.

Reliable Made to last, this durable switch is housed in a 13" metal box and is backed by a five-year warranty. Comes complete with a rack mounting kit.

Typical Network Setup

Internet

FVL328 ProSafe
High-Speed VPN Firewall

FS526T 24-port Smart Switch
with Gigabit Ports

GS108 8-port Gigabit
Ethernet Switch

Broadband Modem

Notebook PCs

Desktop PCs

Servers

NETGEAR®
Everybody's connecting.™

Product Specifications

• **Network Protocol and Standards Compatibility:**
  - IEEE 802.3 10BASE-T
  - IEEE 802.3u 100BASE-TX
  - IEEE 802.3ab 1000BASE-T
  - IEEE 802.3x full-duplex flow control

• **Network Ports:**
  - 24 10/100 Mbps auto sensing Fast Ethernet switching ports
  - 2 10/100/1000 Mbps auto-sensing Gigabit Ethernet switching ports

• **Interface:**
  - 26 RJ-45 connectors for 10BASE-T, 100BASE-TX, and 1000BASE-T (Auto Uplink™ on all ports)

• **Port Functions:**
  - Auto-sensing and auto-negotiating capabilities for all ports
  - Auto Uplink™ on all ports to make the right connection
  - Integrated address Look-Up Engine, supports 4K absolute MAC addresses
  - Full- and half-duplex functions for all ports

• **LEDs:**
  - **Per port:** (10/100 and Gigabit): Link/ Activity, Speed, Collision
  - **Per device:** Power

• **Administrative Switch Management:**
  - IEEE 802.1q Tag VLAN (up to 64 Static VLAN groups)
  - Port-based VLAN (up to 26 groups, any one port can belong to different VLAN groups)
  - IEEE 802.1p (Class of Service)
  - Port-based QoS (options High/Normal)
  - Port Trunking - Manual as per IEEE802.3ad Link Aggregation
  - DHCP client
  - Port setting
  - Web-based configuration
  - Configuration Backup/Restore
  - Password access control
  - Firmware upgrade

• **Performance Specifications:**
  - **Forwarding modes:** Store-and-forward
  - **Bandwidth:** 8.8 Gbps
  - **Network latency:** <20µs for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission
  - **Buffer memory:** 784 KB embedded memory per unit
  - **Address database size:** 4,000 media access control (MAC) addresses per system
  - **Addressing:** 48-bit MAC address
  - **Mean Time Between Failure** (MTBF): 88,500 hours (~ 10 years)

• **Power Supply:**
  - Power Consumption: 22 W maximum
  - 100-240VAC/50-60 Hz universal input

• **Physical Specifications:**
  - **Dimensions** (W x D x H): 325 x 205 x 43 mm (13 x 8.1 x 1.6 in.)
  - **Weight:** 3.2 kg (7.0 lb)

• **Electromagnetic Emissions:**
  - CE mark, commercial
  - FCC Part 15 Class A
  - VCCI Class A
  - C-Tick
  - MIC

• **Electromagnetic Immunity:**
  - EN 50082-1
  - EN 55024

• **Safety:**
  - CE mark, commercial
  - TUV licensed (EN 60 950)
  - cUL IEC950/EN60950

• **Warranty:**
  - **Switch:** NETGEAR 5-year warranty
  - **Power supply:** NETGEAR 2-year warranty

System Requirements
  - Category 5 network cables
  - Network card for each PC
  - Network software (e.g., Windows®)
  - Web Browser (e.g., Internet Explorer 5.0 or higher or Netscape 6.0 or higher)

Package Contents
  - 24-port Smart Switch with Gigabit Ports FS526T
  - Rubber footpads
  - Power cord
  - Rack-mount kit
  - Resource CD
  - Installation guide
  - Warranty/Support information card

NETGEAR Related Products
  - GS105 5-port Gigabit Ethernet Switch
  - GS108 8-port Gigabit Ethernet Switch
  - GA311 32-bit PCI Copper Gigabit Adapter

NETGEAR®

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