



FS750T

48-port 10/100 Mbps + 2 Gigabit Ports Smart Switch

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

● High Port Density, Gigabit Capability, and Easy Browser-based Management

NETGEAR has packed a lot of value into this compact switch. Start with high port density in a one unit box, add two gigabit uplinks to give an added edge to any growing business, then add key switch management capabilities and you have a powerful switch that costs a lot less than you'd expect.

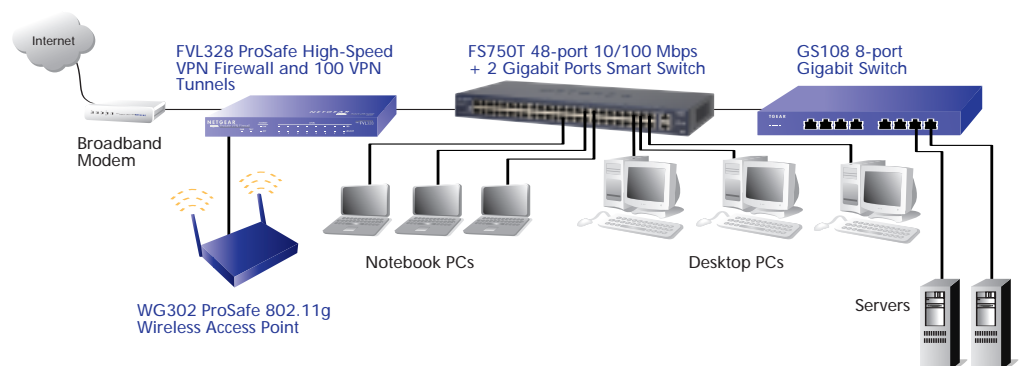
Forty-eight 10/100 Mbps ports and two copper Gigabit Ethernet ports connect to servers or a Gigabit-speed backbone for a non-stop, always available 10/100/1000-enabled network that can quickly deliver large multimedia, image, and video files. All 50 shielded RJ-45 ports automatically negotiate to the highest speed and support Auto Uplink™ technology to make the right link. The intuitive, Web-browser interface offers simple switch management, making it a snap to monitor switch performance, configure ports, even set up trunks, VLANs, and prioritization. Shipped ready to go straight out of the box, it delivers switching that's easy to set up and use.

Powerful ● Two RJ-45 copper Gigabit ports make it possible to create high-speed connections to a server or network backbone.

Intelligent ● Smart Switch capability enables the most key management features for the price of an unmanaged switch. Included are performance monitoring, port configuration, VLAN for traffic control, port trunking for increased bandwidth, and Class of Service (CoS) for traffic prioritization.

Right Sized ● Ideal for growing businesses who want the benefits of management without the cost and complexity of a fully SNMP-capable network.

Well Designed ● LEDs located on the front panel make switch status easy to observe and troubleshooting easy to accomplish. Made to last, this durable switch is housed in a 17-inch metal box and comes with a rack mounting kit.



NETGEAR Related Products

- GA311 32-bit Gigabit PCI Adapter
- GS105 5-port Gigabit Switch
- GS108 8-port Gigabit Switch
- GS516T 16-port Gigabit Switch
- GS524T 24-port Gigabit Switch
- FS526T 24-port 10/100 Mbps + 2 Gigabit ports Smart Switch
- GS724T 24-port Gigabit Smart Switch
- P3L21 Layer 2 Support Pack – 1 year
- P3L23 Layer 2 Support Pack – 3 years

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* 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.

Technical 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
- Interfaces
 - 48 10/100 Mbps auto sensing Fast Ethernet switching ports
 - 2 built-in RJ-45 Gigabit Ethernet ports for 10/100/1000 Mbps connectivity
- Port Functions
 - Auto-sensing and auto-negotiating capabilities for all ports
 - Auto Uplink™ on all ports to make the right connection
- Administrative Switch Management
 - IEEE 802.1Q Tag VLAN (up to 64 Static VLAN groups)
 - Port-based VLAN (Two separate groups, ports 1 – 24 & 25 - 50)
 - IEEE 802.1p (Class of Service)
 - Port-based QoS (options High/Normal)
 - Port Trunking - Manual as per IEEE802.3ad Link Aggregation
 - DHCP client function
 - Port setting
 - Web-based configuration, anywhere on the network
 - Smartwizard Discovery Utility program auto discovers devices (up to 254 agents/switches); set system configuration to each agent
 - Configuration Backup/Restore (easy to configure more than one switch)
 - Password access control and Restricted IP Access List
 - Firmware upgradeable
- Active Flow Control
 - Half-duplex back-pressure control
 - Full-duplex IEEE 802.3x pause frame flow control
- Performance Specifications
 - **Forwarding modes:** Store-and-forward
 - **Bandwidth:** 13.6 Gbps
 - **Network latency:** Less than 20 microseconds for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission
 - **Buffer memory:** 1536/512 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):** 61,728 hours (~ 7 years)
- LEDs
 - **Unit:** Power
 - **Per port:** Link, Activity, Speed
- Power Supply
 - **Power Consumption:** 40 W maximum
 - 100-240VAC/50-60 Hz universal input
- Physical Specifications
 - **Dimensions (H x W x D):** 1.7 x 17.8 x 8.1 in. (43 x 440 x 205 mm)
 - **Weight:** 7.0 lbs (3.2 kg)
- Environmental Specifications
 - **Operating temperature:** 32 to 104° F (0 to 40° C)
 - **Storage temperature:** 14 to 158° F (-10 to 70° C)
 - **Operating humidity:** 90% maximum relative humidity, non-condensing
 - **Storage humidity:** 95% maximum relative humidity, non-condensing
 - **Operating altitude:** 10,000 ft (3,000 m) maximum
 - **Storage altitude:** 10,000 ft (3,000 m) maximum
- Electromagnetic Compliance
 - CE mark, commercial
 - FCC Part 15 Class A
 - VCCI Class A
 - EN 55022 (CISPR 22), Class A
 - EN 50082-1
 - EN 55024
 - C-Tick
- Safety
 - UL listed (UL 1950)/cUL
 - IEC950/EN60950
- Warranty
 - **Switch:** NETGEAR 5-year warranty

System Requirements

- Category 5 network cables
- Network card for each PC
- Network software (e.g., Windows®)

Package Contents

- FS750T 48-port Smart Switch with Gigabit Ports
- Rubber footpads
- Power cord
- Rack-mount kit
- Smart Switch resource CD
- Smart Switch installation guide
- Warranty/Support information card