



# FSM726S

24 port 10/100 Mbps Managed Stackable Switch with Gigabit Ports  
Stackable Layer 2 Management with Built-in Gigabit Speed

## High Port Density with Layer 2 Management Flexibility

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

- NETGEAR's non-blocking FSM726S is a Layer 2 managed switch that's intuitive enough for new users but powerful enough for experienced professionals. With the utility of 24 10/100 ports, two rear stacking ports, and two Gigabit Ethernet ports – using either built-in copper or GBIC slots – small and growing business networks can accommodate as many as 250 users and utilize up to 12 Gigabit Ethernet ports. Built-in stacking ports provide simple, cost-effective stacking – no optional modules required. The FSM726S stacks up to six units, and comes with the stacking cable. The versatile FSM726S offers two management interface options: an easy-to-use, browser based interface and a command line interface. Easy to buy, set up and use, the FSM726S is a compelling value.

**Flexible** ● Ideal for a growing office that wants superior performance with options for expansion and gigabit connections. Can be combined with additional FSM726S and FSM750S switches using dedicated stacking ports.

**Powerful** ● This non-blocking switch provides high-performance data transfer via 24 10/100 ports, two built-in front gigabit uplinks, and two rear stacking ports that you can use to stack up to 144 ports and 12 gigabit ports.

**Manageable** ● Meet your management needs with SNMP, RMON, DHCP, and BootP. Advanced features include VLAN, DiffServ traffic prioritization 802.1p (QoS), RADIUS, 802.1x, port trunking, Spanning Tree, and port mirroring.

**Progressive** ● Use and stack the FSM726S as an unmanaged switch – you can save the management features until you're ready to use them. All ports are auto-negotiating and support Auto Uplink™ technology.

**Complete** ● The FSM726S comes packaged with stacking ports, gigabit uplinks, a stacking cable and a rack-mounting kit.





## Technical Specifications

### • Network Protocol and Standards Compatibility:

- IEEE 802.3i 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x Flow Control

### • LEDs:

- Per port (10/100 and Gigabit): Link, Speed, Duplex, Activity, Collision
- Per device: Power, Stack In, Stack Out, Master

### • Physical Interfaces:

- 24 RJ-45 connector for 10BASE-T and 100BASE-TX (Auto Uplink™ on all ports)
- Two RJ-45 connectors for 10BASE-T, 100BASE-TX, and 1000BASE-T (Auto Uplink on all ports)
- Two Gigabit Interface Converter (GBIC) slots for GBIC modules
- RS-232 Console Port
- Rear Stacking Connectors

### • Performance Specifications:

- Forwarding modes: Store-and-forward
- Bandwidth: 12.8 Gbps (non-blocking)
- Packet forwarding: 9.5 Mpps
- Network latency: < 80 µs for 64-byte frames (100 Mbps to 100 Mbps)
- Packet buffer memory: 1.2 MB
- Addressing: 48-bit MAC address
- Address database size: 8,000 media access control (MAC) addresses per system
- Acoustic noise: (ANSI-S10.12) 48 dB
- Heat dissipation: 18.99 BTU/hr
- Mean Time Between Failure (MTBF): 58,300 (-6.5 years)

### • Management Specifications:

- IEEE 802.1x Standard for Port Based Network Access Control\*
- IEEE 802.1Q Static VLAN (Up to 64)
- IEEE 802.1p Class of Service (CoS)
- IEEE 802.1D Spanning Tree Protocol
- Port Trunking - Manual as per IEEE802.3ad Link Aggregation
- IGMP Snooping Support
- Port Mirroring Support
- RFC 1157 SNMP
- RFC 1757 RMON groups 1, 2, 3, and 9
- RFC 1213 MIB II
- RFC 1643 Ethernet Interface MIB
- RFC 1493 Bridge MIB
- RFC 951 BootP
- RFC 2131 DHCP
- RFC 2998 DiffServ
- RFC 2865 RADIUS
- Private Enterprise MIB

### • User Interfaces:

- Command Menu Interface via console port
- Web-based management via embedded HTTP server
- Telnet remote login

### • Electrical Specifications:

- Power consumption: 36W maximum
- Voltage: 100 - 127/200 - 240 VAC, 50-60 Hz

### • Physical Specifications:

- Dimensions: 440 x 205 x 43 mm (17.3" x 8.1" x 1.6")
- Weight: 3.2 kg (7.0 lbs)

### • Environmental Specifications:

- Operating temperature: 0° to 40°C (32° to 104° F)
- Storage temperature: -20° to 70°C (-4° to 158° F)
- Operating humidity: 90% maximum relative humidity, noncondensing
- Storage humidity: 95% maximum relative humidity, noncondensing
- Operating altitude: 3,000 m (10,000 ft) maximum
- Storage altitude: 3,000 m (10,000 ft) maximum

### • Safety:

- CE mark, commercial
- CSA certified (CSA 22.2 #950)
- TUV licensed (EN 60 950)
- UL listed (UL 1950)/cUL IEC950/EN60950

### • Emissions:

- CE mark, commercial
- FCC Part 15 Class A
- VCCI Class A
- EN 55022 (CISPR 22), Class A EN 50082-1
- C-Tick

### • Electromagnetic Immunity:

- EN 50082-1
- EN 55024

### • Warranty:

- NETGEAR 5-year warranty

## Package Contents

- FSM726S Managed Stackable Switch
- Null modem cable
- Stackable cable
- Rubber footpads for tabletop installation
- Power cord
- Rack-mount kit
- User's guide
- Support information card
- Warranty card

## NETGEAR Related Products

- FSM750S 48+2 Managed Stackable Switch
- FSM726 24+2 Managed Switch
- GSM712 Managed Gigabit Switch
- AGM721F 1000Base-SX GBIC module (SC connector)

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\*\* Free basic installation support provided for 90 days from date of purchase; optional premium support available.

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FSM726S

24-port 10/100 Mbps Managed Stackable Switch with Gigabit Ports

\* available via a free download from the Netgear web site in July 2003