FSM726

24 port 10/100 Mbps Managed Switch
with Gigabit Ports

High Port Density with Layer 2 Management Flexibility

NETGEAR's non-blocking FSM726 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 and two Gigabit Ethernet ports – using either built-in copper or GBIC slots – small and growing business networks can accommodate their expanding network needs. It delivers power, flexibility, and ease of use for anyone new to managed switching. The versatile FSM726 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 FSM726 delivers powerful switching in an affordable platform.

Powerful — This non-blocking switch delivers high-performance data transfer via 24 10/100 ports. Two built-in front-panel Gigabit Ethernet ports provide high speed connections with either copper or GBIC (fiber) interfaces.

Flexible — Ideal for a growing office that wants superior performance with options for expansion and Gigabit Ethernet connections. Use gigabit ports to connect to servers or network backbone. 10/100 ports autonegotiate to best speeds.

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. Configuration files can be loaded and saved for flexibility and reliability.

Progressive — Use the FSM726 as an unmanaged switch – you can use each of the management features when you're ready for them. All ports are auto-negotiating and support Auto Uplink™ technology.

switch

NETGEAR®
Everybody's Connecting.™

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

- **Physical Interfaces:**
  - 24 RJ-45 connectors 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

- **Performance Specifications:**
  - **Forwarding modes:** Store-and-forward
  - **Bandwidth:** 12.8 Gbps (non-blocking)
  - **Packet forwarding:** 6.5 Mpps
  - **Network latency:** <20μs (64-byte frames, 100 Mbps to 100 Mbps)
  - **Packet buffer memory:** 800 KB
  - **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:** 29.866 BTU/hr
  - **Mean Time Between Failure (MTBF):** 58,300

- **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, Client
  - RFC 2998 DiffServ
  - RFC 2865 RADIUS
  - Private Enterprise MIB
  - Tested to work with HP OpenView

- **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 mm x 205 mm 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
- FSM726 Managed Switch
- Managed Switch CD
- Null modem cable
- Rubber footpads for tabletop installation
- Power cord
- Rack-mount kit
- Installation guide
- Support Information Card
- Warranty card

NETGEAR Related Products
- FSM726S 24+2 Managed Stackable Switch
- FSM750S 48+2 Managed Stackable Switch
- GSM712 Managed Gigabit Switch
- AGM721F 1000Base-SX GBIC module (SC connector)

D-FSM726-0