

24-Port 10/100 Stackable Managed PoE Switch



Key Features

- PoE, To Save Power Infrastructure Costs
- 2 Dual Media Ports for Flexible Fiber Connection
- Supports 24 PoE Class 1 or 2 Devices;
- QoS Supports 4 Priority Queues
- 802.1D Compatible & 802.1w Rapid Spanning Tree
- Broadcast/Multicast Storm Control

Ordering Information

PART NO.	DESCRIPTION
065-7726SPOE	24-Port 10/100 Stackable Managed PoE Switch with 2-SFP/RJ-45 Dual Media Ports

Specifications

Applicable Standards

- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BaseT
- IEEE 802.3z 1000BaseSX/LX
- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.1p Priority (Quality of Service [QoS])
- IEEE 802.1D/802.1w/802.1s Spanning Tree & Rapid Spanning Tree Protocols
- IEEE 802.1Q Tagged VLAN with "Q-in-Q" support
- IEEE 802.3x Flow Control
- IEEE 802.3ad Link Aggregation
- IEEE 802.1x Access Control

Ports

24 - RJ-45 10/100BaseT/TX Auto-Negotiation, Auto-MDI/MDIX ports supporting PoE, including 2 Dual Media ports.
Broadcast/Multicast Storm Suppression enabled.
SFP Gigabit Ethernet and Fast Ethernet Modules are available. See page D1 – D4 for SFP ordering information. See our website at www.signamax.com for detailed SFP specification information.

LED Status Indicators

- Per Switch:** Power, CPU
- Per Port:** Link/Activity (separate for SFPs), 10/100 or 10/100/1000 speed for RJ-45 ports, PoE-PSE Active, PoE failure

Performance

- Latency:** <4.5 μ s (LIFO).
- Throughput:** 1.48810 million pps (64-byte packets)
- Switch Fabric Speed:** 12.0 Gbps (non-blocking, wire speed performance)
- MAC Address Capacity:** 8 K MAC addresses
- Frame Buffer:** 256 KB, on-chip
- Jumbo Frame Support:** up to 9 Kbytes frame size

Network Security

- IEEE 802.1x access control with RADIUS authentication Management Access Policy Control (ACL)

Internetworking Protocols Supported

- Link Aggregation Control Protocol (LACP):** IEEE 802.1ad Port Trunking
- GARP VLAN Registration Protocol / Generic Attribute Registration Protocol (GVRP/GARP):** IEEE 802.1Q with GVRP/ GARP
- Multicasting:** Supports IGMP snooping including active and passive mode
- Spanning Tree Protocol / Rapid Spanning Tree Protocol (STP/RSTP):** IEEE 802.1d/1w/1s STP

VLAN Capabilities

- Port-based VLAN
- IEEE 802.1Q Tag-based VLAN; up to 4,096 active VLANs possible

QoS Capabilities

- Supports 802.1p QoS with four level priority queue

Power over Ethernet (PoE) Capabilities

- 24 IEEE 802.3af PoE Power Source Equipment (PSE) ports; (up to 15.4 watts delivered to each of 12 ports, or up to 7.7 watts delivered to each of 24 ports)

Bandwidth Control Capabilities

- Bandwidth Rate Limiting
- Multicast/Broadcast/Unknown-Unicast Storm suppression.

Management

- Access Methods:** Console port access via RS-232C DB-9 local console serial port, Telnet remote access, SNMP agent, and Web browser.
- Software Upgrade Capability:** Via Kermit/TFTP.
- Virtual Stacking Management (VSM):** Up to 16 switches can be managed via a single IP address.
- SNMP v1, v2c Network Management**

Power

- AC Input Range:** 100 ~ 240 VAC, 50 ~ 60 Hz internal universal power supply
- Maximum Total Power Consumption:** 210 Watts
- Maximum PoE-Available Wattage:** 185 Watts

Environmental Requirements

- Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- Storage Temperature:** -4°F to 158°F (-20°C to 70°C)
- Relative Humidity:** 5 to 90%, (non-condensing)

Physical Characteristics

- Dimensions:** 17.4" W x 8.23" D x 1.73" H (442 mm x 209 mm x 44 mm)
- 19-in rack mounting hardware included.
- Weight:** 7.5 lb (3.3 kg)

Certifications

- FCC Part 15 Class A & CE Mark Approval

Warranty

- Five Years, (Including power supply)