



Simply Connected

XMS-7048P

WHAT THIS PRODUCT DOES:

The Luxul 52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch (XMS-7048P) is an excellent choice for expanding your network when using PoE-enabled devices such as Touch Panels, VoIP, IP cameras and Wireless Access Points. The 52-port Gigabit switch includes 48 PoE+ ports, 2 Gigabit RJ-45 ports and two 10 Gigabit SFP+ stacking ports for seamless scalability/management of up to 16 switches (800 ports). With PoE+, you can use standard Ethernet cable to deliver both power and high speed data to 802.3af/at-compliant devices, with a total power budget of 740 Watts. The advanced Layer 2/Layer 3 features and simple-to-use management interface helps to optimize network traffic.

- ▶ Stackable to 16 Switches (800 Ports)
- ▶ 48 PoE+ Ports (740W Power Budget)
- ▶ Layer 2 and Layer 3 Functionality
- ▶ RPS Enabled
- ▶ Optimized for HD Over IP Applications

FEATURES:

- ▶ 48 Gigabit 802.3af/at PoE+ Ports (740W Power Budget)
- ▶ Two Gigabit RJ-45 ports
- ▶ Two 10-Gigabit SFP+ ports
- ▶ 140Gbps Switching Capacity
- ▶ Full Layer 2/3 Support
- ▶ 802.1Q VLAN (with Trunking)
- ▶ QoS Support
- ▶ Redundant Power Supply (RPS) Capable
- ▶ Plug-and-Play Installation with Intuitive Management
- ▶ Simple Power Management of PoE-Enabled Devices
- ▶ Standard 1U 19" Rack-Mount Enclosure
- ▶ Three Year Limited Warranty

52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch



XMS-7048P TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|---|
| Standards | ▶ IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af/at, IEEE 802.3x, IEEE 802.1P, IEEE 802.1Q, IEEE 802.1X, IEEE 802.1D STP, 802.1w |
| Stacking | ▶ Stacking Requires a 10 Gigabit SFP+ Fiber Uplink ▶ VSTAX™ Stacking Protocol ▶ Hardware Support for Shortest Path Forwarding ▶ Fast Failover within 100ms ▶ 2x12Gbps Uplink Bandwidth using Standard Cables ▶ Stacking of up to 16 Switches ▶ Stack-side Congestion Management |
| Interface | ▶ RJ-45: ▶ 10 Base-T: Cat.5 UTP /STP ▶ 100 Base-TX: Cat.5 UTP /STP ▶ 1000Base-T: Cat.5e or Cat.6 UTP/STP ▶ Gigabit fiber uplinks on SFP ports ▶ Cable Recognition for Straight-through or Crossover Cables |
| VLAN | ▶ 802.1Q max 4094 VIDs & VLAN Trunking ▶ Supports 1 Management VLAN |
| LED | ▶ Per Unit: Power, System ▶ Per Port: Link/Activity |
| Power Budget | 740 Watts Maximum |
| Power | Internal Switched Power, AC 100-240V, 50-60Hz input |
| Layer 2 and Layer 3 | ▶ Policing with Storm Control and MC/BC Protection ▶ RSTP and MSTP Support ▶ Independent and Shared VLAN Learning ▶ TCAM-based Classification and VCAP-II Security ▶ Layer 3 Unicast and Multicast Routing |
| Network Data Transfer Rate | ▶ Ethernet: 10Mbps (Half-duplex) ▶ Ethernet: 20Mbps (Full-duplex) ▶ Fast Ethernet: 100Mbps (Half-duplex) ▶ Fast Ethernet: 200Mbps (Full-duplex) ▶ Gigabit Ethernet: 1000Mbps (Half-duplex) ▶ Gigabit Ethernet: 2000Mbps (Full-duplex) |
| Oper. Temperature | 32°F to 104° F (0°C to 40°C) |
| Operating Humidity | 10% to 90% (Non-condensing) |
| Dimensions LxWxH in. (mm) | 17.4"(442) x 14.75"(375) x 1.75"(44.5) |
| Certification | FCC, CE, RoHS |

Warranty:

- ▶ 3 year Limited Warranty

Minimum System Requirements

- ▶ Ethernet Cable
- ▶ Computer with Windows, Mac or Linux OS

Package Contents

- ▶ One: 52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch
- ▶ One: Power Cord
- ▶ One: Rack Mount Kit
- ▶ One: Quick Install Guide