

XMS-5248P

WHAT THIS PRODUCT DOES:

The Luxul 52-Port Gigabit PoE+ L2/L3 Managed Switch (XMS-5248P) 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 Gigabit SFP expansion 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.

- ▶ 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 Gigabit SFP ports
- ▶ 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 Gigabit PoE+ L2/L3 Managed Switch



XMS-5248P TECHNICAL SPECIFICATIONS

Protocols and 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
Interface Options	▶ RJ-45: <ul style="list-style-type: none"> ▶ 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
Quality of Service (QoS)	▶ 4 Queues per port ▶ Queue handling: Strict, <ul style="list-style-type: none"> ▶ Weighted Round Robin (WRR), Strict+WRR, and Equal ▶ CoS based on DCSP, 802.1P and Port Based Priority Queues ▶ Port based bandwidth control
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)
LED	▶ Per Unit: Power, System ▶ Per Port: Link/Activity
Power Budget	740W
Max Power Consumption	992W
Power Supply	Internal Switched Power, AC 100-240V, 50-60Hz input
Operating Temperature	32°F to 104°F (0°C to 40°C)
Operating Humidity	10% to 90% (Non-condensing)
Dimensions L x W x H in. (mm)	17.4" x 14.75" x 1.75" (442 x 375 x 44.5)
Weight lbs (kg)	10.8 (4.9)
Certifications	FCC, CE, RoHS

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

Warranty:

- ▶ Three Year Limited Warranty

Minimum System Requirements

- ▶ Suitable Network/PoE Devices
- ▶ Ethernet Cable
- ▶ Internet Connection to View Documentation Online

Package Contents

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