

WHAT THIS PRODUCT DOES:

The Luxul 24-Port Rack-Mountable Gigabit Ethernet Switch (XGS-1024) provides exceptional performance, quality and reliability. It is a great choice for expanding your wired network or setting up a VoIP, multimedia or extreme gaming environment. This 24-port Gigabit Switch lets you network up to twenty-four Ethernet-enabled devices at speeds of up to 2000Mbps. While designed to support Gigabit devices, it is also compatible with Fast Ethernet devices.

USE THE XGS-1024 TO:

- ▶ Expand Your Home or Office Network with 24-Ports (10/100/1000)
- ▶ Future Proof Your Network with Gigabit Speeds (10X Performance of Fast Ethernet)
- ▶ Set-up a Dedicated Network for Optimizing VoIP, Video, Security, or Gaming Applications.

FEATURES:

- ▶ 24 10/100/1000Mbps RJ45 Ports
- ▶ 48Gbps Switching Capacity
- ▶ Full-Duplex Flow Control
- ▶ NWay Auto Negotiation
- ▶ Auto uplink (MDI/MDI-X)
- ▶ Non-Blocking Architecture
- ▶ Simple XenConnect™ Plug and Play
- ▶ Standard 19" Rack-Mountable Metal Case

XGS-1024

24-Port Rack-Mountable Gigabit Ethernet Switch



EXPAND YOUR GIGABIT NETWORK

The Luxul 24-Port Rack-Mountable Gigabit Ethernet Switch (XGS-1024) offers an excellent XenConnect™ plug-and-play solution for expanding your home or office network. Gigabit speeds deliver 10 times the performance of a 100Mbps Fast Ethernet connection, enabling faster transfers of music, video, and data files. Expanding your network with Gigabit enhances transmission rates of computers and other devices attached to the network, allowing for superior web browsing, online gaming, and video streaming. For increased network functionality, media servers, Network-Attached Storage (NAS), and IP security cameras can also be easily added.

OPTIMIZE YOUR HOME OR OFFICE NETWORK

When deployed using Quality of Service (QoS) features available within the Luxul XBR-2300 router and XMS-1000 managed switch product line, this 24-port Gigabit Switch improves the delivery of real-time-sensitive applications such as voice, video, and online gaming. Using a dedicated switch for such applications can ensure that Voice over IP (VoIP) calls remain clear, real-time video remains smooth, and the online gaming experience is truly extraordinary.

HASSLE-FREE IMPLEMENTATION

The XGS-1024 requires no configuration, making setup simple and hassle-free. Easily connect multiple computers and share files, music, and video. For maximum benefit, the XGS-1024 is part of the XenConnect™ product suite and is designed to seamlessly integrate with other Luxul switch, router and wireless access point products.

XGS-1024 TECHNICAL SPECIFICATIONS

Protocols and Standards	<ul style="list-style-type: none"> ▶ IEEE 802.3 10Base-T Ethernet ▶ IEEE 802.3u 100Base-TX Fast Ethernet ▶ IEEE 802.3ab 1000Base-T Gigabit Ethernet ▶ IEEE 802.3 NWay Auto-negotiation ▶ IEEE 802.3x Flow Control ▶ CSMA/CD ▶ HTTP ▶ ARP ▶ DNS ▶ ICMP ▶ TCP/IP
Features	<ul style="list-style-type: none"> ▶ Number of Ports: Twenty-four 10/100/1000BASE-T ▶ MAC Address Table: 8K ▶ Switch Fabric: 16Gbps ▶ Transmission Method: Store-and-forward ▶ Auto uplink (MDI/MDI-X) detection and configuration ▶ MAC Address Learning /Auto-learning, Auto-aging
Packet Filtering/ Forwarding Rate	<ul style="list-style-type: none"> ▶ 14880pps (10Mbps) per port ▶ 148800pps (100Mbps) per port ▶ 1488000pps (1000Mbps) per port
Transmission Method	Store-and-Forward
Network Data Transfer Rate	<ul style="list-style-type: none"> ▶ 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)

Interface Options	<ul style="list-style-type: none"> ▶ 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.5, Cat.5e or Cat.6 UTP/STP ▶ Cable Recognition for Straight-through or Crossover Cables
Certifications	FCC Class A, CE, RoHS
Led	<ul style="list-style-type: none"> ▶ Per unit: Power ▶ Per port: Link/Activity
DC Input	DC 9V 600mA
Power Consumption	27.5 Watts Maximum
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	W x D x H: 17.3"(439.5mm) x 8.3"(211mm) x 1.7"(43.2mm)
Weight	<ul style="list-style-type: none"> ▶ Item: 4.5 lbs (2.1Kg) ▶ Packaging: 6 lbs (2.7Kg)

Warranty:

- ▶ 1 year

Requirements

- ▶ Devices Supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet
- ▶ CAT5 Ethernet Cable
- ▶ Internet Connection to View Documentation Online

Package Contents

- ▶ One: XGS-1024 24-Port Rack-Mountable Gigabit Ethernet Switch
- ▶ One: Power Cord
- ▶ One: Quick Install Guide
- ▶ Mounting Brackets and Rubber Footpads

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.