

## WHAT THIS PRODUCT DOES:

The Luxul 8-Port Desktop Gigabit Ethernet Switch (XGS-1008) 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 8-port Gigabit Switch lets you network up to eight Ethernet-enabled devices at speeds of up to 2000Mbps. While designed to support Gigabit devices, it is also compatible with Fast Ethernet devices.

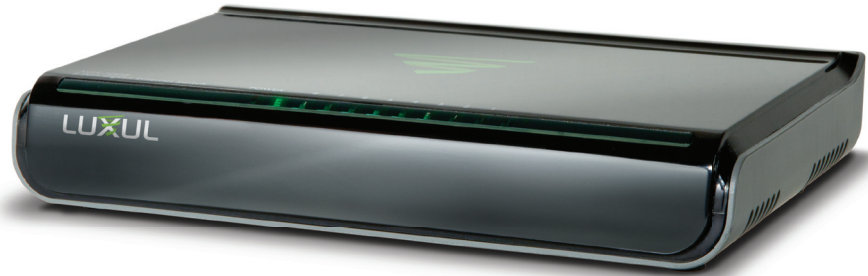
## USE THE XGS-1008 TO:

- ▶ Expand Your Home or Office Network with 8-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:

- ▶ Eight 10/100/1000Mbps RJ45 Ports
- ▶ 16Gbps Switching Capacity
- ▶ Full-Duplex Flow Control
- ▶ NWay Auto Negotiation
- ▶ Auto Uplink (MDI/MDI-X)
- ▶ Non-Blocking Architecture
- ▶ Simple XenConnect™ Plug and Play
- ▶ Designed for Desktop or Wall-Mount

## XGS-1008 8-Port Desktop Gigabit Ethernet Switch



### EXPAND YOUR GIGABIT NETWORK

The Luxul 8-Port Desktop Gigabit Ethernet Switch (XGS-1008) 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, Ethernet-enabled devices such as media servers, Network-Attached Storage (NAS), and IP security cameras can also be easily added.

### EXPERIENCE SUPERIOR VOIP, VIDEO & ONLINE GAMING

When deployed using Quality of Service (QoS) features available within the Luxul XBR-2300 router and XMS-1000 managed switch product line, this 8-port Gigabit Switch improves the delivery of real-time 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-1008 requires no configuration, making setup simple and hassle-free. Easily connect multiple computers and share files, music, and video. For maximum benefit, the XGS-1008 is part of the XenConnect™ product suite and is designed to seamlessly integrate with other Luxul switch, router and wireless access point products.

### XGS-1008 TECHNICAL SPECIFICATIONS

<b>Protocols and Standards</b>	<ul style="list-style-type: none"> <li>▶ IEEE 802.3 10Base-T Ethernet</li> <li>▶ IEEE 802.3u 100Base-TX Fast Ethernet</li> <li>▶ IEEE 802.3ab 1000Base-T Gigabit Ethernet</li> <li>▶ IEEE 802.3 NWay Auto-negotiation</li> <li>▶ IEEE 802.3x Flow Control</li> <li>▶ CSMA/CD</li> <li>▶ HTTP</li> <li>▶ ARP</li> <li>▶ DNS</li> <li>▶ ICMP</li> <li>▶ TCP/IP</li> </ul>	<b>Interface Options</b>	<ul style="list-style-type: none"> <li>▶ RJ-45:                             <ul style="list-style-type: none"> <li>▶ 10 Base-T: Cat.5 UTP /STP</li> <li>▶ 100 Base-TX: Cat.5 UTP /STP</li> <li>▶ 1000Base-T: Cat.5, Cat.5e or Cat.6 UTP/STP</li> </ul> </li> <li>▶ Cable Recognition for Straight-through or Crossover Cables</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>▶ Number of Ports: Eight 10/100/1000BASE-T</li> <li>▶ MAC Address Table: 8K</li> <li>▶ Switch Fabric: 16Gbps</li> <li>▶ Transmission Method: Store-and-forward</li> <li>▶ Auto uplink (MDI/MDI-X) detection and configuration</li> <li>▶ MAC Address Learning /Auto-learning, Auto-aging</li> </ul>	<b>Certifications</b>	FCC Class B, CE, RoHS
<b>Packet Filtering/ Forwarding Rate</b>	<ul style="list-style-type: none"> <li>▶ 14880pps (10Mbps) per port</li> <li>▶ 148800pps (100Mbps) per port</li> <li>▶ 1488000pps (1000Mbps) per port</li> </ul>	<b>LED</b>	<ul style="list-style-type: none"> <li>▶ Per unit: Power</li> <li>▶ Per port: Link/Activity</li> </ul>
<b>Network Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>▶ Ethernet: 10Mbps (Half-duplex)</li> <li>▶ Ethernet: 20Mbps (Full-duplex)</li> <li>▶ Fast Ethernet: 100Mbps (Half-duplex)</li> <li>▶ Fast Ethernet: 200Mbps (Full-duplex)</li> <li>▶ Gigabit Ethernet: 1000Mbps (Half-duplex)</li> <li>▶ Gigabit Ethernet: 2000Mbps (Full-duplex)</li> </ul>	<b>DC Input</b>	DC 9V 600mA
		<b>Power Consumption</b>	10 Watts Maximum
		<b>Power Supply</b>	External Power Adapter
		<b>Operating Temperature</b>	32°F to 104°F (0°C to 40°C)
		<b>Operating Humidity</b>	10% to 90% (Non-condensing)
		<b>Dimensions</b>	W x D x H: 6.8"(172.72mm) x 4.3"(109.22) x 1.2"(30.5mm)
		<b>Weight</b>	<ul style="list-style-type: none"> <li>▶ Item: 4.5 lbs (2.1Kg)</li> <li>▶ Packaging: 6 lbs (2.7Kg)</li> </ul>

#### 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-1008 8-port Desktop Gigabit Ethernet Switch
- ▶ One: External Power Adapter
- ▶ One: Quick Install Guide

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.