



LUXUL™

Product Guide

Free network design. Guaranteed WiFi coverage. Ongoing support.

Customer Assurance Program

The Luxul Customer Assurance Program provides installers a free, guaranteed, certified network design, taking the stress of designing a reliable network off their shoulders. Installers simply visit www.luxul.com/assurance-program.aspx and register their project. If the network design doesn't perform or provide full coverage, we'll make it right at no additional cost.

Remote management saves time and money

The ability to manage your network remotely is the foundation for your smart home, office, or business. It allows you to monitor and manage your network from anywhere, at any time. This means you can quickly resolve issues, update firmware, and manage your network settings without the need for a technician. Remote management is a key feature of the Luxul network management solution, which offers a range of tools and services to help you manage your network remotely.



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The Best Choice for Your Smart Home Network

With the dramatic increase in smart home devices, having a reliable network that supports the flow of data, video, and data has become critical. With that in mind, Luxul offers a range of solutions to help you manage your network remotely, ensuring that you can quickly resolve issues, update firmware, and manage your network settings without the need for a technician. Remote management is a key feature of the Luxul network management solution, which offers a range of tools and services to help you manage your network remotely.



3 YEAR WARRANTY

Protection for your children while they use the Internet

Keep your children safe. The Internet is a great place to learn and explore, but it can also be a place where children can be exposed to inappropriate content, cyberbullying, and other risks. Luxul offers a range of solutions to help you manage your network remotely, ensuring that you can quickly resolve issues, update firmware, and manage your network settings without the need for a technician. Remote management is a key feature of the Luxul network management solution, which offers a range of tools and services to help you manage your network remotely.



routerLIMITS

Residence Example - Case Number 0001-001

10/18/18

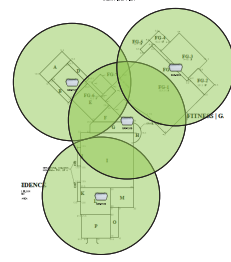


PHOTO: SHUTTERSTOCK.COM/ALAN L. BROWN/GETTY IMAGES

Epic Mesh

The Epic Mesh solution combines the power of a Luxul wireless product with the ease of wireless mesh networking solutions, resulting in a reliable network comparable to those you've come to depend on from Luxul. Enjoy simple installation with the Easy Setup App on your iOS or Android smartphone.

Enjoy these additional features with the Luxul Epic Mesh solution:

- High capacity bandwidth between nodes
- Specialized antenna design with beamforming for better device connectivity and speed
- Quick and simple setup using Easy Setup App
- Physical node placement assistance for optimal coverage

Specifications:

- Wave 2 MU-MIMO
- High capacity 5GHz (4x4) backhaul radio
- 2.4GHz and 5GHz (2x2) client connectivity radios
- Secure guest network

NEW Epic Wireless Mesh Kit MK-10

- Includes two interchangeable nodes
(can be configured as a mesh router or mesh satellite node)

NEW Epic Wireless Mesh Node MN-10

- Can be used as router, satellite, or additional node for expansion
(can be configured as a mesh router or mesh satellite node)



Remotely...

Monitor | Manage | Troubleshoot



Working...



Here!

Manage Your Luxul Networks... from Anywhere

With our new cloud management solution, you'll have access to your client's networks from anywhere at any time. Available through a web application as well as on Android and iOS smartphones and tablets, easily take advantage of all the benefits below and more:

- Reboot PoE and smart PDU connected devices
- Remote access to a device's local UI
- Automatically discover and monitor all devices on the network
- Receive alerts when devices go offline
- Remote firmware updates
- Easily view all your sites in either list or map view

Epic Routers

Luxul Epic routers are designed for use in high-capacity residential and commercial networks. A router is the interface between the internet and the local network and is the foundation for a reliable network. Luxul's complete line of full-featured, high-performance routers offer firewall, QoS, VLAN, VPN, and other capabilities that improve network performance, scalability, and security.

Epic 5 - High-Performance Gigabit Router ABR-5000

- High-performance full-Gigabit WAN to LAN throughput
- Two WAN, five LAN ports
- Rear-facing ports with user-selectable green or blue front-facing LEDs



Epic 4 - Gigabit Router ABR-4500

- 600Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN/WAN configurable ports
- Rear-facing ports with user-selectable green or blue front-facing LEDs



Epic 4 - Gigabit Router XBR-4500

- 600Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN/WAN configurable ports
- Front-facing ports





Router Limits

Luxul routers with Router Limits content management* put your customers back in control of their internet experience. Manage the traffic, pause device access, track history, set scheduled access, and limit site access by groups or devices with internet connections. Easily set, adjust, or create new restrictions from the cloud app, creating a seamless experience.



Manage
Screen Time



Filter
Content



Track Browsing
History

*Subscription fees may apply when
controlling devices off your network

Wireless Routers

Luxul's line of wireless routers combine wired router functionality with high-powered, dual-band wireless technology. With support for firewall, QoS, VPN, and Roam Assist for active roaming and improved network performance, they're a great choice for highly-reliable residential or light-commercial networks.

Epic 3 – Dual-Band Wireless AC3100 Router

XWR-3150

- Wireless data transfer of up to 3100Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 4x4 concurrent dual-band 802.11ac
- 2.4 and 5GHz beamforming
- Easy Setup App compatible
- Built-in Router Limits*
- Built-in Domotz remote management system

WAVE 2
4x4
MU-MIMO



Dual-Band Wireless AC1200 Router

XWR-1200

- Wireless data transfer of up to 1200Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 2x2 concurrent dual-band 802.11ac
- 5GHz beamforming
- Easy Setup App compatible
- Built-in Router Limits*



Luxul Easy Setup App

The Luxul Easy Setup App helps you be efficient on the job.

Set up a Luxul wireless router (XWR-1200 & Epic 3) and up to two additional access points at the same time in under two minutes, all from the convenience of your phone!



*Subscription fees may apply when
controlling devices off your network

Wireless Controllers

With Luxul's Roam Assist technology, the XWC-2000 and XWC-1000 enable active roaming while simplifying the access point setup and control. Compatible with all Luxul current XAP series models, which allows integrators to mix and match APs to maximize the performance and budget of each project.

NEW Wireless Controller

XWC-2000

- Active client roaming
- Centralized setup and control
- Supports up to 32 Luxul APs



Wireless Controller

XWC-1000

- Active client roaming
- Centralized setup and control
- Supports up to 16 Luxul APs



Wireless Routers with Built-in Wireless Controller

Luxul Roam Assist technology is now available in Luxul's complete line of full-featured, high-performance wireless routers.

Wireless Router Kits

NEW WS-260

- Epic 3 & XAP-1610

WS-250

- Epic 3 & XAP-1510

WS-80

- XWR-1200 & XAP-810



**FAST
ROAMING**
OR
**ACTIVE
ROAMING**

The decision is up to you...



Wireless Controller Systems

Luxul wireless controller systems include everything needed to effortlessly deploy a reliable whole-home or commercial wireless network. Systems can easily be expanded with up to 16 APs and work with any combination of current XAP series models.

NEW Wireless Controller System with Wave 2, MU-MIMO 4X4 AC3100 Access Points

XWS-2610

- One XWC-1000 wireless controller
- Two XAP-1610 AC3100 dual-band access points
- Two PoE injectors



Wireless Controller System with High-Powered AC1900 Access Points

XWS-2510

- One XWC-1000 wireless controller
- Two XAP-1510 AC1900 dual-band access points
- Two PoE injectors



Wireless Controller System with High-Powered 300N Access Points

XWS-1810

- One XWC-1000 wireless controller
- Two XAP-810 AC1200 dual-band access points
- Two PoE injectors



Indoor Apex™ Access Points

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.

NEW AC3100 Dual-Band Wireless AP

XAP-1610

- 4X4 Wave 2, MU-MIMO 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Extreme throughput for video streaming & online gaming
- Ceiling or wall mount

**WAVE 2
4x4
MU-MIMO**



AC1900 Dual-Band Wireless AP

XAP-1510

- 3x3 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Ceiling or wall mount



AC1200 Dual-Band Wireless AP

XAP-810

- 2x2 802.11ac
- High-Powered
- 2.4GHz & 5GHz
- Ceiling or wall mount



Controller Compatible Outdoor APs

The Luxul controller compatible and weather resistant outdoor access points extend your WiFi coverage to the outdoors. Create connected outdoor spaces for mobile devices, streaming audio, and control systems.

300N Single-Band Outdoor AP

XAP-1240

- 2x2 802.11n
- High-powered
- 2.4GHz
- Weather-resistant enclosure (IP-64 rated)



Outdoor Bridging APs

The Luxul outdoor bridging access points provide weather-resistant solutions for wireless bridging. Use wireless bridges to provide remote building and IP camera connectivity.

AC1200 Dual-Band Outdoor Bridging AP

XWO-BAP1

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)
- Supports point-to-point and point-to-multipoint applications



AC1200 Dual-Band Outdoor AP

XAP-1440

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)



AC1200 Dual-Band Outdoor Bridging Kit

XWO-BKT1

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosures (IP-65 rated)
- Pre-configured bridge
- Includes two access points and two PoE injectors



Bridge + Range Extender

The P40 offers a simple option for extending the reach of your wireless network. It can be used either as a bridge link for directly connecting Ethernet devices to your WiFi network or as a range extender for providing WiFi coverage to those hard-to-reach dead spots.

AC1200 WiFi Bridge + Range Extender

P-40

- 802.11ac
- 2.4GHz & 5GHz
- Plugs directly into wall outlet



Remote Monitoring and Management

Domotz is a cloud-based remote monitoring and management platform that allows integrators and networking professionals to connect to their customers' networks from a browser and remotely monitor, manage, and configure devices connected to that network from anywhere.

Domotz Pro Remote Management Device

XRM-DTZ1

- Network and device monitoring
- Notification alerts if problems arise
- Remote network/device access
- Network diagnostics
- Remote power management





PoE Auto-Recovery

Make yourself the most valuable part of your clients' systems by offering them complete reliability with PoE Auto-Recovery, and as an added bonus, roll fewer trucks each month for service calls!

PoE Power-Scheduling

Set yourself apart by offering your clients the ultimate personalization of their systems—right down to the last detail, scheduling when their devices are powered on or off.



Available on all current PoE managed switches except XFS-1816P & AMS-1010P

Switch Icons

Look for the following icons to find the switch features you're looking for



AV over IP
engineered switches



IP video
optimized switches



PoE Auto-Recovery



PoE Power Scheduling

AV Series Switches

Luxul AV Series switches feature rear-panel ports and front-facing LEDs (user-selectable blue/green colors) for clean integration with AV rack systems. Managed switches feature advanced Layer 2/Layer 3 functionality and are designed for use in HD over IP video systems; non-managed switches are plug-and-play.

AV Series 26-Port Gigabit Managed Switch

AMS-2600

- 24 Gigabit RJ-45 ports + two Gigabit combo ports
- 52Gbps switching capacity
- L2/L3 management
- Fanless for silent operation



AV Series 24-Port Gigabit Switch

AGS-1024

- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation



AV Series 16-Port Gigabit Switch

AGS-1016

- 16 Gigabit RJ-45 ports
- 32Gbps switching capacity
- Fanless for silent operation



AV Series PoE Switches

PoE managed switches include port Auto-Recovery and Power Scheduling, ensuring system reliability and uptime. For AV over IP video systems, PoE+ switches offer full 802.3af/at compliance and power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.

AV Series 26-Port Stackable Gigabit Managed PoE+ Switch

AMS-4424P

- 24 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- Stackable up to 384 ports
- 24 PoE+ ports (250W power budget)
- Variable speed fan



AV Series 26-Port Gigabit Managed PoE+ Switch

AMS-2624P

- 24 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250W power budget)
- Variable speed fan



NEW AV Series 18-Port Gigabit Managed PoE+ Switch

AMS-1816P

- 16 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 16 PoE+ ports (185W power budget)
- Variable speed fan



AV Series 12-Port Gigabit Managed PoE+ Switch

AMS-1208P

- 10 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 8 PoE+ ports (130W power budget)
- Fanless for silent operation



L2/L3 PoE Switches

Luxul L2/L3 managed switches offer advanced Layer 2/Layer 3 functionality and a simple-to-use interface for switch setup and management. Switches with PoE+ functionality offer full 802.3af/at compliance and healthy power budgets.

52-Port Stackable Gigabit Managed PoE+ Switch

XMS-7048P

- 50 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- Stackable up to 800 ports
- 48 PoE+ ports (740W power budget)
- Variable speed fan



52-Port Gigabit Managed PoE+ Switch

XMS-5248P

- 50 Gigabit RJ-45 ports + two Gigabit SFP ports
- 48 PoE+ ports (740W power budget)
- Variable speed fan



26-Port Gigabit Managed PoE+ Switch

XMS-2624P

- 26 Gigabit RJ-45 ports + two Gigabit combo ports
- 24 PoE+ ports (370W power budget)
- Variable speed fan



NEW 12-Port Gigabit Managed PoE+ Switch

XMS-1208P

- Eight Gigabit Ethernet PoE+ ports (130W power budget)
- Two Gigabit Ethernet ports & two SFP ports (can be used independently)
- Fanless for silent operation



Other PoE Switches

Designed for 4-, 8-, and 16-channel NVR systems. These switches offer PoE ports (4, 8, or 16) and provide uplink ports that can be used to connect a main switch/router or directly to an NVR. They also offer healthy power budgets, so you'll have the power needed for the most demanding projects.

10-Port Gigabit Managed PoE+ Switch

XMS-1010P

- Eight Gigabit RJ-45 ports + two Gigabit uplinks
- Eight PoE+ ports (130W power budget)
- Single-speed fan



18-Port Gigabit Smart PoE+ Switch

XFS-1816P

- 16 fast Ethernet RJ-45 ports + two Gigabit uplinks
- 16 PoE+ ports (250W power budget)
- Single-speed fan



8-Port Fast Ethernet PoE Switch

XFS-1084P

- Eight Fast Ethernet ports
- Four PoE ports (60W power budget)
- Fanless for silent operation



Other Switches

Based on the newest standards and highest-quality design, Luxul switches offer a scalable and affordable choice for expanding your network.

24-Port Gigabit Flex Mount Switch

XGS-1024S

- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation



8-Port Gigabit Flex Mount Switch

AGS-1008M

- Eight Gigabit RJ-45 ports
- 16Gbps switching capacity
- PoE or External AC Powered
- Includes magnetic mounting system



8-Port Gigabit Desktop Switch

XGS-1008

- Eight Gigabit RJ-45 ports
- 16Gbps switching capacity
- Designed for desktop or wall mount



5-Port Mini Gigabit Switch

XGS-1005-5

- Five Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount
- Five XGS-1005s sold in a package



Intelligent PDUs

Avoid needless service calls with PDUs designed just for installers. Easily monitor and manage connected electronic components, or use the built-in user interface, third-party control systems, or cloud remote management platforms to manually reboot unresponsive devices.

PDU 2

Intelligent Network Power Distribution Unit

PDU-02*

- Individual IP control of two outlets
- Self-healing device recovery
- Desktop mount



PDU 8

Intelligent Network Power Distribution Unit

PDU-08*

- Individual IP control of up to eight outlets (9 total)
- Self-healing device recovery
- Rack or desktop mount



PDU 16

Intelligent Network Power Distribution Unit

PDU-16*

- Individual IP control of up to eight outlets (16 total)
- Self-healing device recovery
- Rack mount



* North American power cord only



LUXUL

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