



**LUXUL**<sup>®</sup>

A brand of  Legrand

Product Guide

A modern living room with a white sofa and large windows overlooking a cityscape. The text is overlaid on the image.

Free  
network  
design.

Guaranteed  
WiFi  
coverage.

Lifetime  
support.

# Customer Assurance Program

The Luxul Customer Assurance Program provides integrators a free, guaranteed, certified network design, taking the stress of designing a reliable network off their shoulders. Simply visit <https://www.legrandav.com/luxul>, click on "Network Design", and register the project. If the network design doesn't perform or provide full coverage, we'll make it right at no additional cost.

**The Best Choice for Your Smart Home Network**

With the demands of a growing, connected devices, Wi-Fi is quickly becoming the heart of a smart home, and also has become a hot 2016 trend in retail. Luxul is the only provider to support these advanced networks that actually deliver what you need most and especially with low power mesh and mesh networks that provide, stable, and lightning fast.

It is the only professional-quality Wi-Fi for home configurations and coverage.

Provide a network that can handle the growing demand for bandwidth and load with the performance of a business technology environment.

Wireless coverage is everywhere you need it, with the ability to handle multiple devices and applications, all while maintaining your privacy.

**Warranty**  
 With the demands of a growing, connected devices, Wi-Fi is quickly becoming the heart of a smart home, and also has become a hot 2016 trend in retail. Luxul is the only provider to support these advanced networks that actually deliver what you need most and especially with low power mesh and mesh networks that provide, stable, and lightning fast.

**3**

**Remote management saves time and money**

The system in your home is important to you. Your network is the foundation of all your smart, mobile, computers, cameras, automation systems, and more. If it fails, you're in for a lot of frustration and your devices. Having network problems, including being disconnected from the internet, can be especially frustrating for you. You need to be able to help you get back online.

**Remotely**  
 Manage. Monitor. Troubleshoot.

A remote management system can alert your integrator without having to schedule a service visit. Your integrator can troubleshoot and resolve issues, often before you even know you have a problem. This means you can get back online and the system is up and running in your daily schedule. Remotely, the remote management system can also alert you to potential issues, so you can be ready to address any potential issues on your end. You can also be alerted to any potential issues on your end. You can also be alerted to any potential issues on your end.

**LUXUL ProWatch**

**Protection for your children while they use the internet**

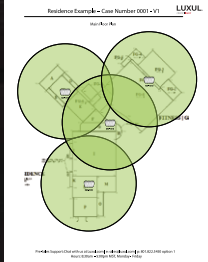
Keep your children safe. Take control of internet time, and safeguard your children against inappropriate content. Use Bark to monitor and control internet use. Bark gives you the ability to monitor and control internet use. Bark gives you the ability to monitor and control internet use. Bark gives you the ability to monitor and control internet use.

**bark**

**Monitor Screen Time**  
 Get control of screen time, and safeguard your children against inappropriate content. Use Bark to monitor and control internet use. Bark gives you the ability to monitor and control internet use.

**Filter Content**  
 An advanced Bark's filters can help manage inappropriate content, such as adult, violence, pornography, and more. Use Bark's filters to manage and control internet use.

**Track Streaming History**  
 Track what your child is watching and listening to. You can also be alerted to any potential issues on your end. You can also be alerted to any potential issues on your end.





# 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 the best 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  WAVE 2  
4x4  
MU-MIMO

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





# Luxul Easy Setup App

The Luxul Easy Setup App helps you save time on the job.

Set up a Luxul wireless router (XWR-1200, Epic 3, & Epic Mesh) in under two minutes, all from the convenience of your phone!



## **NEW** Epic Wireless Mesh Node

**MN-10**   

- Can be used as Gigabit router, satellite, or additional node for expansion



# WHAT ABOUT?

## ProWatch™

### PROWATCH+

**Luxul ProWatch+** products extend ProWatch gateway capabilities to non-ProWatch enabled products, including discovery and monitoring of all connected network devices.

### Epic Wireless & Wired Routers



### PROWATCH INTEGRATED

**Luxul ProWatch Integrated** products allow additional control, management, and information through the ProWatch app.

### Managed Switches & PDUs



### PROWATCH

**Luxul ProWatch** enables products to provide device monitoring, alert notifications, firmware updates, and remote access and reboot.

### APs & Controllers



Remotely... Monitor | Manage | Troubleshoot



Working...

# LUXUL ProWatch™

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

**To top it all off, it's free!**

# 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 ensure the best network performance, scalability, and security.

## Epic 5 - High-Performance Gigabit Router

LUXUL  
ProWatch+

### ABR-5000

- High-performance 900-1000Mbps WAN to LAN throughput
- Two WAN, five LAN ports
- Rear-facing ports with user-selectable green or blue front-facing LEDs
- Built-in Bark\*
- Built-in Domotz remote management system\*



## Epic 4 - Gigabit Router

LUXUL  
ProWatch+

### ABR-4500

- 500-600Mbps 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
- Built-in Bark\*
- Built-in Domotz remote management system\*



## Epic 4 - Gigabit Router

LUXUL  
ProWatch+

### XBR-4500

- 500-600Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN/WAN configurable ports
- Front-facing ports
- Built-in Bark\*
- Built-in Domotz remote management system\*

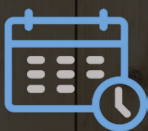


\*Subscription fees may apply

# bark

## Bark (Router Limits)

Luxul routers with Bark 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



# 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

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ProWatch+

XWR-3150  WAVE 2  
4x4  
MIMO

- 500-600Mbps WAN to LAN throughput
- 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 Bark\*
- Built-in Domotz remote management system\*



## Dual-Band Wireless AC1200 Router

XWR-1200 

- 200-300Mbps WAN to LAN throughput
- 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 Bark\*



\*Subscription fees may apply

# 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.

## Wireless Controller

### XWC-2000

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

LUXUL  
ProWatch



## Wireless Controller

### XWC-1000

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

LUXUL  
ProWatch



# 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

### WS-260 WAVE 2 4x4 MIMO

- Epic 3 & XAP-1610
- ProWatch+

### WS-250

- Epic 3 & XAP-1510
- ProWatch+

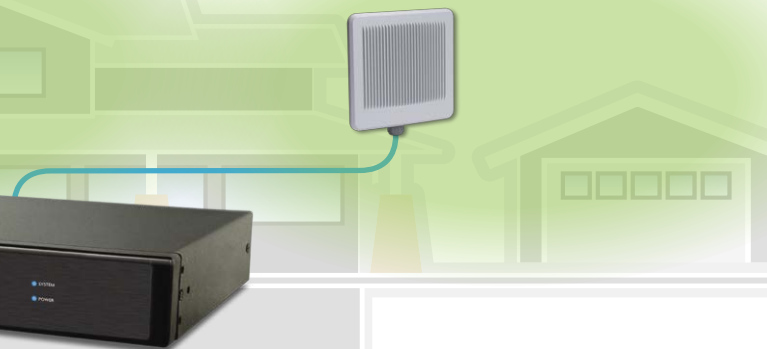
### WS-80

- 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.

## Wireless Controller System with 2 Access Points

LUXUL  
ProWatch

### XWS-2610 WAVE 2 4x4 MU-MIMO

- One XWC-1000 wireless controller
- Two XAP-1610 WAVE 2 4x4 MU-MIMO AC3100 dual-band APs
- Two PoE injectors



## Wireless Controller System with 2 Access Points

LUXUL  
ProWatch

### XWS-2510

- One XWC-1000 wireless controller
- Two XAP-1510 High-Powered 3X3 AC1900 dual-band APs
- Two PoE injectors



## Wireless Controller System with 2 Access Points

LUXUL  
ProWatch

### XWS-1810

- One XWC-1000 wireless controller
- Two XAP-810 High-Powered 2x2 AC1200 dual-band APs
- 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.

## MU-MIMO 4X4 AC3100 Dual-Band Wireless AP

XAP-1610  WAVE 2  
4x4  
MU-MIMO

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



LUXUL  
ProWatch

## High-Powered 3X3 AC1900 Dual-Band Wireless AP

XAP-1510 

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



LUXUL  
ProWatch

## High-Powered 2X2 AC1200 Dual-Band Wireless AP

XAP-810 

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



LUXUL  
ProWatch

# Controller Compatible Outdoor AP

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

## AC1200 Dual-Band Outdoor AP

### XAP-1440

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

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ProWatch



# 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

### P40

- 2X2 802.11ac
- 2.4GHz & 5GHz
- Plugs directly into wall outlet



# 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
- Includes one access points and one PoE injector



## 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



# Luxul Self-Healing Switches

## PoE Auto-Recovery

Enable your switch to reboot PoE-connected devices when they fall offline or go unresponsive. You'll never get another call about security cameras freezing up—your clients' switches will take care of them automatically.





# 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.

These features are not available on the legacy PoE switches XFS-1816P & XMS-1010P



# Switch Icons

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



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 AV over IP video systems; functionality, while non-managed switches are plug-and-play.

## 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, healthy power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.

## **NEW** AV Series 26-Port Gigabit Managed PoE+ Switch

**LUXUL**  
ProWatch Integrated

### **SW-610-24P-R**

- 40 gigabit aggregate uplink unified management platform
- 24 Gigabit RJ-45 ports + four 10-Gigabit SFP+ ports
- 24 PoE+ ports (370W power budget)
- Variable speed fan



## AV Series 26-Port Gigabit Managed PoE+ Switch

**LUXUL**  
ProWatch Integrated

### **AMS-2624P**

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



## AV Series 18-Port Gigabit Managed PoE+ Switch

LUXUL  
ProWatch Integrated

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

LUXUL  
ProWatch Integrated

AMS-1208P  

- 10 Gigabit RJ-45 ports + two Gigabit SFP 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. The perfect switches for all your demanding IP Video installations.

## **NEW** 52-Port Gigabit Managed PoE+ Switch

**LUXUL**  
ProWatch Integrated

### SW-610-48P-F

- 40 gigabit aggregate uplink unified management platform
- 48 Gigabit RJ-45 ports + four 10-Gigabit SFP+ ports
- 48 PoE+ ports (740W power budget)
- Variable speed fan



## **NEW** 52-Port Gigabit Managed PoE+ Switch

**LUXUL**  
ProWatch Integrated

### SW-510-48P-F

- 4 gigabit aggregate uplink unified management platform
- 48 Gigabit RJ-45 ports + four Gigabit SFP ports
- 48 PoE+ ports (740W power budget)
- Variable speed fan



## 26-Port Gigabit Managed PoE+ Switch

LUXUL  
ProWatch Integrated

XMS-2624P  

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



## 12-Port Gigabit Managed PoE+ Switch

LUXUL  
ProWatch Integrated

XMS-1208P  

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



# Compact PoE+ Switches

Small enough to fit behind a TV, in an enclosure, in tight spaces, or mount on a wall, these new compact switches provide great options when you need to power PoE devices but don't want to sacrifice the space. Perfect for connecting IP cameras, wireless access points, AV over IP devices, control panels and automation devices.

## **NEW** 8 Port PoE+ Compact Switch

### SW-100-08P

- 9 Gigabit Ethernet ports, 8 802.af/at PoE+ ports
- 92W PoE power budget
- Fanless for silent operation
- Keyholes or rubber feet for easy mounting options



## **NEW** 4 Port PoE+ Compact Switch

### SW-100-04P

- 5 Gigabit Ethernet ports, 4 802.af/at PoE+ ports
- 58W PoE power budget
- Fanless for silent operation
- Keyholes or rubber feet for easy mounting options





# Compact PoE+ Powered Switch

This switch lets you power an AV-over-IP receiver, control panel, PoE camera, or other PoE device, while providing a data connection to additional devices in a small form factor you can hide behind a TV or other tight space. Because it's PoE+ powered, you can remotely reboot it from your upstream managed PoE+ switch.

## **NEW** PoE+ Powered 5 Port Gigabit Compact Switch

### SW-100-05PD

- Powered by PoE+ (30W) only
- 5 Gigabit Ethernet ports, 1 PoE+ (30W) input, 1 PoE (15W) output, 3 Gigabit Ethernet ports
- Fanless for silent operation
- Magnetic mounting kit or key-holed bracket



# Compact Multi-Purpose Switches

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

## 8-Port Gigabit Desktop Switch

### XGS-1008

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



## 5-Port Mini Gigabit Switch

### XGS-1005

- 5 Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount



# 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 Luxul ProWatch to manually reboot unresponsive devices. North American power cord only.

Luxul has developed drivers for URC, Crestron, Control4, RTI and Savant to control Luxul PDU products to perform functions (dependent on the corresponding control system) like rebooting PDU powered devices based on a schedule, triggering shutdown based on system events, or powering devices.

## PDU 2 - Intelligent Network Power Distribution Unit

**LUXUL**  
ProWatch Integrated

### PDU-02

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



## PDU 8 - Intelligent Network Power Distribution Unit

**LUXUL**  
ProWatch Integrated

### 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

**LUXUL**  
ProWatch Integrated

### PDU-16

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





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Theoretical maximum specifications are for reference comparisons only. Real-world values depend on a variety of environmental conditions and will vary.

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