

XWS-2500

WHAT THIS PRODUCT DOES:

The XWC-1000 Wireless Controller uses Luxul's exclusive Roam Assist™ technology to ensure seamless roaming of mobile client devices within wireless networks that utilize more than one Wireless Access Point (AP), while providing simple, centralized deployment of up to 16 Luxul APs through an easy-to-use setup wizard. With seamless roaming, installation simplicity and sensible pricing, the XWC-1000 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

The XWC-1000 is compatible with all Luxul standard-power APs, as well as the XAP-12xx and XAP-15xx series of high-power APs—allowing installers to mix and match APs to maximize the performance and budget of each project. The XWC-1000 is available standalone, or in kits complete with APs and PoE hardware.

USE THE XWC-1000 TO:

- ▶ Seamlessly Roam Between Multiple Access Points
- ▶ Simply Configure up to 16 Luxul Access Points
- ▶ Create a Secure Guest Network

FEATURES:

Controller:

- ▶ Seamless Client Roaming between Access Points
- ▶ Simple Central Control and Configuration of Luxul APs
- ▶ Secure Guest Networking
- ▶ Durable 1U Metal Enclosure for Rack Mount or Desktop Use

Access Point Features:

- ▶ High Output Power (1000mW) for Maximum Coverage
- ▶ Concurrent Dual-Band (2.4 GHz and 5GHz)
- ▶ Data Transfers of up to 900Mbps
- ▶ Low Profile Design

Wireless Controller System with High-Power 900N Access Points



FOR TECHNICAL SPECIFICATIONS SEE XWC-1000 AND XAP-1500 SPEC SHEETS ON THE FOLLOWING PAGES

Complete List of Compatible Luxul APs

- ▶ XAP-310
- ▶ XAP-1210
- ▶ XAP-1230
- ▶ XAP-1500
- ▶ XAP-1510

Warranty:

- ▶ 3 Year Limited Warranty

Minimum System Requirements

- ▶ Computer with Windows, Mac or Linux OS
- ▶ Ethernet Cable

Package Contents

- ▶ One: XWC-1000 Wireless Controller
- ▶ One: Rack Mount Kit
- ▶ Two: XAP-1500 Access Points
- ▶ Two: PoE Injectors
- ▶ One: Power Cord

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.

XWC-1000

WHAT THIS PRODUCT DOES:

The XWC-1000 Wireless Controller uses Luxul's exclusive Roam Assist™ technology to ensure seamless roaming of mobile client devices within wireless networks that utilize more than one Wireless Access Point (AP), while providing simple, centralized deployment of up to 16 Luxul APs through an easy-to-use setup wizard. With seamless roaming, installation simplicity and sensible pricing, the XWC-1000 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

The XWC-1000 is compatible with a broad selection of Luxul APs, allowing installers to mix and match APs to maximize the performance and budget of each project. The XWC-1000 is available standalone, or in kits complete with APs and PoE hardware.

USE THE XWC-1000 TO:

- ▶ Seamlessly Roam Between Multiple Access Points
- ▶ Simply Configure up to 16 Luxul Access Points
- ▶ Cost-Effectively Deliver Centralized WLAN Configuration and Control

FEATURES:

- ▶ Seamless Client Roaming between Access Points
- ▶ Simple Central Control and Configuration of Luxul APs
- ▶ Secure Guest Networking
- ▶ Supports up to 16 Wireless APs
- ▶ Cloud-based Controller and AP Updates
- ▶ Durable 1U Metal Enclosure for Rack Mount or Desktop Use

Wireless Controller



XWC-1000 TECHNICAL SPECIFICATIONS

Management Features

Controller	<ul style="list-style-type: none"> ▶ Simple Setup Wizard ▶ Management via Web Interface ▶ Cloud-based Firmware Updates
Access Point	<ul style="list-style-type: none"> ▶ AP Provisioning ▶ Supports up to 16 APs ▶ Secure Guest Networks via VLAN ▶ 802.1Q VLANs ▶ WPA, WPA2 Security with TKIP, AES Encryption

Hardware Features

Interface	One 10/100/1000M Port
Button	Reset button
Power	Internal Switched Power AC 100-240V, 50/60Hz 0.3A
Dimensions L xWxH in. (mm)	11.6"(294) x 7"(178.8) x 1.75"(44.5)
LEDs	Power, System, Ethernet Activity
Certifications	FCC, CE, RoHS

Compatible Access Points

High Power	<ul style="list-style-type: none"> XAP-1500 Dual-Band Wireless 900N Low Profile AP XAP-1210 Wireless 300N Low Profile AP XAP-1230 Wireless 300N Commercial Grade AP
Standard Power	XAP-310 Wireless 300N Low Profile AP

Warranty:

- ▶ 3 Year Limited Warranty

Minimum System Requirements

- ▶ Web Browser
- ▶ Ethernet Cable
- ▶ Internet Connection to View Documentation Online

Package Contents

- ▶ One: XWC-1000 Wireless Controller
- ▶ One: Rack Mount Kit
- ▶ One: Power Cord
- ▶ 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.

XAP-1500

WHAT THIS PRODUCT DOES:

The XAP-1500 provides exceptional Wi-Fi performance in a sleek design that allows for unobtrusive mounting on a ceiling, wall, or other flat surface. Combining high output power with leading-edge concurrent dual-band 3x3 MIMO technologies, it delivers superior wireless coverage and maximum data rates—making it a great choice for maximizing coverage in both Residential and Commercial environments. The integrated PoE simplifies installation, requiring only a single Ethernet cable for both power and data. Setup is also a snap using the Luxul application on any iOS or Android device.

USE THE XAP-1500 TO:

- ▶ Deliver Broader Wi-Fi Coverage and Eliminate Client Device Roaming Issues with Fewer APs
- ▶ Maximize Data Rates with Concurrent Dual-Band (2.4GHz and 5GHz) Technology
- ▶ Optimize VoIP, Streaming Media and Other Demanding Applications
- ▶ Create a Secure Guest Network
- ▶ Simplify Wi-Fi Installation while Minimizing Setup Time and Costs
- ▶ Minimize Unightly Cables and Equipment

FEATURES:

- ▶ High Output Power (1000mW) for Maximum Coverage
- ▶ Concurrent Dual-Band (2.4 GHz and 5GHz)
- ▶ Data Transfers of up to 900Mbps
- ▶ VLAN Support for Creating a Secure Guest Network
- ▶ Single Cable Installation with PoE (Injector included)
- ▶ Installs on Ceiling or Wall; or Use as a Desktop AP

High Power Dual-Band Wireless 900N Low Profile Access Point



XAP-1500 TECHNICAL SPECIFICATIONS

Hardware Features	
Standards Compliance	802.11n (900Mbps)
Interface	Two 10/100/1000M Ports
Antenna	Three Internal 5GHz and Three Internal 2.4GHz High Performance Antennas
Button	Reset button
Power	PoE (Injector Included)
Dimensions D x H in. (mm)	8"x1" (203.2x25.4)
LEDs	Power, 2.4GHz, 5GHz (Can be turned Off/On Via User Interface)
Wireless and Other Features	
Frequency	Concurrent 2.4GHz and 5GHz
Wireless Speed	<ul style="list-style-type: none"> ▶ 2.4GHz: 450Mbps; ▶ 5GHz: 450Mbps.
Wireless Security	64/128bit WEP, WPA-PSK, WPA2-PSK, WPA/WPA2
Operating Modes	Wireless AP
Other Functions and Features	<ul style="list-style-type: none"> ▶ Remote Web Management ▶ System Logging ▶ Backup & Restore Configurations ▶ VLAN/Guest Network Support ▶ Support for Setup on iOS and Android Devices ▶ QoS Support ▶ Up to 8 SSIDs ▶ Firmware Upgradeable via Browser
Certifications	CE, FCC, RoHS

Warranty:

- ▶ 1 year

Minimum Requirements

- ▶ Web Browser
- ▶ Ethernet Cable
- ▶ Internet Connection to View Documentation Online

Package Contents

- ▶ One: XAP-1500 Dual Band Wireless AP
- ▶ One: Mounting Bracket and Hardware
- ▶ One: PoE Injector and 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.