

XWS-2510

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.

- ▶ 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 for Maximum Coverage
- ▶ Concurrent Dual-Band (2.4 GHz and 5GHz)
- ▶ Beamforming Technology Optimizes Wi-Fi Performance
- ▶ Data Transfers of up to 1900Mbps
- ▶ Three Year Limited Warranty

Wireless Controller System with AC1900 Dual-Band Access Points



FOR TECHNICAL SPECIFICATIONS SEE XWC-1000 AND XAP-1510 SPEC SHEETS ON THE FOLLOWING PAGES

Complete List of Compatible Luxul APs

- ▶ XAP-310
- ▶ XAP-1210
- ▶ XAP-1230
- ▶ XAP-1240
- ▶ 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-1510 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 features rear panel port and front facing LEDs (user selectable blue/green colors) for clean integration with AV rack systems. 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
AV Series	LEDs on the front, Port on the back
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-1510 AC1900 Dual-Band Wireless AP ▶ XAP-1500 Dual-Band Wireless 900N Low Profile AP ▶ XAP-1410 AC1200 Dual-Band Wireless AP ▶ XAP-1240 Wireless 300N Outdoor AP ▶ XAP-1230 Wireless 300N Commercial Grade AP ▶ XAP-1210 Wireless 300N Low Profile 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

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XAP-1510

WHAT THIS PRODUCT DOES:

The XAP-1510 combines leading-edge 802.11ac technology with high output power to deliver outstanding dual-band Wi-Fi performance. The sleek design allows for unobtrusive mounting on a ceiling, wall or other flat surface—making it a great choice for maximizing coverage in both Residential and Commercial environments. It is compatible with the XWC-1000 Wireless Controller and can be used standalone or as part of a multi-AP deployment. Installation is simple, requiring only a single Ethernet cable that delivers both power and data through the integrated PoE+ port.

- ▶ High Performance 802.11ac Wi-Fi (up to 1900Mbps)
- ▶ Concurrent Dual-Band with Beamforming
- ▶ Compatible with XWC-1000 Wireless Controller
- ▶ Great for Streaming Media and Other Demanding Applications
- ▶ Secure Guest Networking
- ▶ Simple and Discreet Installation

FEATURES:

- ▶ High Output Power for Maximum Coverage
- ▶ Beamforming for Optimal Wi-Fi Performance
- ▶ Data Transfers of up to 1900Mbps
- ▶ Concurrent Dual-Band
- ▶ Compatible with the Luxul XWC-1000 Wireless Controller
- ▶ VLAN Support for Creating a Secure Guest Network
- ▶ Up to 4 SSIDs per Band for a total of 8 SSIDs
- ▶ Single Cable Installation with PoE (Injector included)
- ▶ Installs on Ceiling or Wall; Or Use as a Desktop AP
- ▶ Three Year Limited Warranty

High Power AC1900 Dual-Band Wireless AP



XAP-1510 TECHNICAL SPECIFICATIONS

Hardware Features	
Standards Compliance	IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at
Interface	Two 10/100/1000M Ports
Antenna	Three Dual-Band Antennas
Button	Reset button
Power	PoE (Injector Included)
Power Consumption	10W Idle 25.3W Peak
Environment Temperatures	0-50C°
Dimensions WxHxD in. (mm)	7.25"x7.25"x2" (184.15 x184.15 x50.8)
Weight lbs (kg)	1.5 (.68)
LEDs	Power, 2.4GHz, 5GHz (Can be turned Off/On Via User Interface)
Wireless and Other Features	
Frequency	Concurrent 2.4GHz and 5GHz with Beamforming
Wireless Speed	<ul style="list-style-type: none"> ▶ 2.4GHz: 600Mbps; ▶ 5GHz: 1.3Gbps
Wireless Security	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 ▶ Up to 4 SSIDs per Band for a total of 8 SSIDs ▶ Firmware Upgradeable via UI ▶ XWC-1000 Wireless Controller Compatible
Certifications	CE, FCC, RoHS

Warranty:

- ▶ Three Year Limited Warranty

Minimum Requirements

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

Package Contents

- ▶ One: High Power AC1900 Dual-Band AP
- ▶ One: Mounting Bracket and Hardware
- ▶ One: PoE Injector and Power Adapter
- ▶ One: Quick Install Guide

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