

XWS-1310

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:

- ▶ Standard Output Power (100mW)
- ▶ Single Band 2.4GHz
- ▶ Data Transfers of up to 300Mbps
- ▶ Low Profile Design that Installs Easily on Ceiling, Wall or Other Flat Surface

Wireless Controller System with Standard-Power 300N Access Points



FOR TECHNICAL SPECIFICATIONS SEE XWC-1000 AND XAP-310 SPEC SHEETS ON THE FOLLOWING PAGES

Complete List of Compatible Luxul APs

- ▶ XAP-310
- ▶ XAP-1210
- ▶ XAP-1230
- ▶ XAP-1240
- ▶ XAP-1410
- ▶ 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
- ▶ One: Power Cord
- ▶ Three: XAP-310 Access Points
- ▶ One: XFS-1054P PoE Switch

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-310

WHAT THIS PRODUCT DOES:

The Luxul standard power Wireless 300N Low Profile Access Point (XAP-310) offers great value and styling for residential and light commercial Wi-Fi installations. The sleek, low-profile design allows for unobtrusive mounting on a ceiling, wall or other flat surface. It can be used as a standalone AP or as part of a multi-AP deployment together with the XWC-1000 wireless controller. Installation is simple, requiring only a single Ethernet cable that delivers both power and data through the integrated PoE port.

USE THE XAP-310 TO:

- ▶ Deliver Cost-effective Multi-AP Wi-Fi Coverage
- ▶ Improve Data Rates with Multi-Stream Wireless 802.11n 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 Unsightly Cables and Equipment

FEATURES:

- ▶ Multi-Stream 802.11n
- ▶ Data Transfers of up to 300Mbps
- ▶ VLAN Support for Creating a Secure Guest Network
- ▶ QoS Support
- ▶ Up to 8 SSIDs
- ▶ Single Cable Installation with PoE (Injector included)
- ▶ Installs on Ceiling or Other Flat Surface
- ▶ 3 Year Limited Warranty

Wireless 300N Low Profile Access Point



XAP-310 TECHNICAL SPECIFICATIONS

Hardware Features

Standards Compliance	802.11n (300Mbps)
Interface	One 10/100/1000M Port
Antenna	Two Internal 2.4GHZ Antennas
Button	Reset button
Power	802.3af PoE (Injector Included)
Power Draw	15W Maximum
Operating Temperature	32° F to 104° F (0° to 40° C)
Dimensions H x D x W in. (mm)	6.25 (159) x 6.25 (159) x 1 (25.4)
LEDs	Power/Activity

Wireless and Other Features

Frequency	2.4GHz
Wireless Speed	300Mbps
Output Power	100mW
Wireless Security	64/128bit WEP, WPA-PSK, WPA2-PSK, WPA/WPA2
Operating Modes	Wireless AP, Bridge
Other Functions and Features	<ul style="list-style-type: none"> ▶ Remote Web Management ▶ System Logging ▶ Backup & Restore Configurations ▶ VLAN/Guest Network Support ▶ QoS Support ▶ Up to 8 SSIDs ▶ Firmware Upgradable via Browser
Certifications	FCC, CE, RoHS

Warranty:

- ▶ 3 Year Limited Warranty

Minimum System Requirements

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

Package Contents

- ▶ One: XAP-310 Wireless 300N Low Profile AP
- ▶ One: Mounting Hardware
- ▶ One: PoE Injector and Power Adapter
- ▶ One: Quick Install Guide

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