

XWC-2000

WHAT THIS PRODUCT DOES:

The XWC-2000 Wireless Controller uses Luxul's exclusive Roam Assist™ technology to ensure active 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 32 Luxul APs through an easy-to-use setup wizard.

The XWC-2000 is compatible with the following Luxul APs: XAP-1610, XAP-1510, XAP-810, XAP-1240, and XAP-1440. Installers can mix and match APs to maximize the performance and budget of each project. The XWC-2000 is available standalone or in kits, complete with APs and PoE hardware.

- ▶ Actively roam between multiple access points
- ▶ Cost-effectively deliver centralized WLAN configuration and control

FEATURES:

- ▶ Luxul Roam Assist™ technology
- ▶ Simple central control and configuration of Luxul APs
- ▶ Secure guest networking
- ▶ Supports up to 32 wireless APs
- ▶ Works with any combination of Luxul compatible APs
- ▶ Durable 1U metal enclosure for rack mount or desktop use

Wireless Controller



XWC-2000 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 32 APs ▶ Secure guest networks via VLAN ▶ 802.1Q VLANs ▶ WPA, WPA2 security with TKIP, AES encryption
Hardware Features	
Interface	One 10/100/1000M port (Ethernet/RJ-45)
Button	Reset button
AV Series	LEDs on the front; port on the back
Power	Internal Switched Power AC 100-240V, 50/60Hz 0.3A
Max Power Consumption	5.8W
Dimensions LxWxH in. (mm)	5.41"(137.5) x 10.31"(262) x 1.73"(44)
Weight lbs (kg)	2.38 (1.08)
LEDs	Power, System, Ethernet activity
Certifications	FCC, IC, CE, RCM, CE-LVD, CE-ErP
Compatible Access Points	
High Power	<ul style="list-style-type: none"> ▶ XAP-1610 Apex™ Wave 2 AC3100 Dual-Band AP ▶ XAP-1510 Apex™ AC1900 Dual-Band Wireless AP ▶ XAP-1440 Apex™ AC1200 Dual-Band Wireless Outdoor AP ▶ XAP-810 Apex™ AC1200 Dual-Band Wireless AP ▶ XAP-1240 Apex™ Wireless 300N Outdoor AP

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.

Warranty:

- ▶ Three-year limited warranty

Minimum System Requirements

- ▶ Web browser
- ▶ Ethernet cable
- ▶ Internet connection to view documentation online

Package Contents

- ▶ XWC-2000 Wireless Controller (1)
- ▶ Rack mount kit
- ▶ Rubber feet
- ▶ Regulatory documentation
- ▶ Quick Install Guide (1)

XAP-810

WHAT THIS PRODUCT DOES:

The XAP-810 offers forefront 802.11ac 2x2 dual-band technology and 5 GHz beamforming, cost-effective Wi-Fi. The sleek design allows for unobtrusive mounting on a ceiling, wall or other flat surface--making it a great choice for stretching budgets and delivering coverage to smaller spaces. It is compatible with Luxul Wireless Controllers and can be used standalone or as part of a multi-AP deployment. Installation is simple, requiring only a single ethernet cable delivering data and power.

- ▶ Concurrent dual-band 802.11ac Wi-Fi
- ▶ 5 GHz beamforming
- ▶ Secure guest networking
- ▶ Simple and discreet installation

FEATURES:

- ▶ AC1200 2x2 dual-band MIMO
- ▶ Up to 4 SSIDs per band (8 total)
- ▶ Compatible with the Luxul Roam Assist Wireless Controllers
- ▶ Single cable installation with PoE (Injector included)
- ▶ Installs on ceilings, walls, or use as a desktop AP
- ▶ 3-year limited warranty

High Power AC1200 Dual-Band Wireless AP



XAP-810 TECHNICAL SPECIFICATIONS

Hardware Features	
Standards Compliance	IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at
Interface	Two 10/100/1000M Ports
Antenna	Two Dual-Band Antennas
Button	Reset button
Power	PoE (Injector Included)
Power Consumption	12W Avg
Max Power Consumption	17W
Operating Temperatures	0-50°C
Dimensions WxHxD in. (mm)	6.25"x6.25"x1.75" (158.75 x158.75 x44.45)
Weight lbs (kg)	.95 (.44)
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	▶ 2.4GHz: 300Mbps; ▶ 5GHz: 866Mbps
Wireless Security	WPA-PSK, WPA2-PSK, WPA/WPA2
Operating Modes	Wireless AP
Other Functions and Features	▶ Remote Web Management ▶ System Logging ▶ Backup & Restore Configurations ▶ Firmware Upgradeable via UI
Certifications	CE, FCC, RoHS, IC, RCM

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Warranty:

- ▶ 3-year limited warranty

Minimum Requirements

- ▶ Web browser
- ▶ Ethernet cable
- ▶ Internet connection to view documentation online

Package Contents

- ▶ High power AC1200 dual-band AP
- ▶ Mounting kit
- ▶ Rubber feet
- ▶ PoE injector and power adapter
- ▶ Quick install guide