XWS-2610

High Power AC3100 Wireless Controller System

WHAT THIS PRODUCT DOES:

The Luxul XWS-2610 Wireless Controller Kit combines a XWC-1000 Wireless Controller built with Luxul Roam Assist™ technology, and a pair of Apex™ XAP-1610 Wave 2 Wireless Access Points, featuring high-output power and leading-edge 802.11ac 4x4 MU-MIMO dual-band beamforming technology to deliver data rates up to 3167Mbps* and outstanding wireless performance. With seamless roaming and installation simplicity, the XWS-2610 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

FEATURES:

Controller:

- ▸ Roaming solved between access points with Roam Assist™
- ▸ Simple central control and configuration of Luxul APs
- ▸ Secure guest networking
- ▸ Durable 1U metal enclosure for rack mount or desktop use

Compatible Access Points:

- ▸ XAP-1610
- ▸ XAP-1510
- ▸ XAP-1410
- ▸ XAP-1440
- ▸ XAP-1240
- ▸ XAP-810

Access Point Features:

- ▸ High output power for maximum coverage
- ▸ Concurrent dual-band (2.4 GHz and 5GHz)
- ▸ Wave 2 technology (supports more connected devices and increased data rates)
- ▸ Data tansfers of up to 3167Mbps*

TECHNICAL SPECIFICATIONS

XWC-1000 Management Features

Controller	▸ Simple setup wizard ▸ Management via web interface ▸ Cloud-based firmware updates ▸ AP provisioning ▸ Supports up to 16 APs
Access Point	▸ Secure guest networks via VLAN ▸ 802.1Q VLANs ▸ WPA, WPA2 security with TKIP, AES encryption

Controller Hardware Features

Interface	One 10/100/1000M port
AV Series	LEDs on the front, port on the back of controller
Power	Internal switched power AC 100-240V, 50/60Hz 0.3A
Max Power Consumption	8.6W
Dimensions LxWxH in. (mm)	8.75"(222.3) x 5.25"(133.4) x 1.75"(44.5)
Weight lbs (kg)	1.55 (.72)
LEDs	Power, System, Ethernet activity
Certifications	FCC, CE, RoHS

XAP-1610 Hardware Features

Standards Compliance	IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at
Interface	One 10/100/1000M ports
Antenna	Four dual-band antennas
Power	PoE (injector included)
Power Consumption	18W avg
Max Power Consumption	26W
Operating Temperatures	0-50°C
Dimensions WxHxD in. (mm)	7.28"x1.71"x7.28" (185 x43.5 x185)
Weight lbs (kg)	1.50 (.68)
LEDs	Power, 2.4GHz, 5GHz (Can be turned off/on via user interface)
Frequency	Concurrent 2.4GHz and 5GHz with beamforming
Wireless Speed	▸ 2.4GHz: 1.0Gbps* ▸ 5GHz: 2.167Gbps*
Wireless Security	WPA-PSK, WPA2-PSK, WPA/WPA2

*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:
- ▸ 3-year limited warranty

Minimum Requirements
- ▸ Computer with Windows, Mac or Linux OS
- ▸ Ethernet cable

Package Contents
- ▸ XWC-1000 Wireless Controller (1)
- ▸ Rack mount kit
- ▸ Rubber feet
- ▸ Power cord
- ▸ XAP-1610 access points (2)
- ▸ PoE injector (2)
- ▸ Quick Install Guide