# LUXUL

A brand of **legrand**

# 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.

- ▶ Activley 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 | ▶ Simple setup wizard<br>▶ Management via web interface<br>▶ Cloud-based firmware updates |
| Access Point | ▶ AP provisioning<br>▶ Supports up to 32 APs<br>▶ Secure guest networks via VLAN<br>▶ 802.1Q VLANs<br>▶ 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<br>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 | ▶ XAP-1610 Apex™ Wave 2 AC3100 Dual-Band AP<br>▶ XAP-1510 Apex™ AC1900 Dual-Band Wireless AP<br>▶ XAP-1440 Apex™ AC1200 Dual-Band Wirless Outdoor AP<br>▶ XAP-810 Apex™ AC1200 Dual-Band Wireless AP<br>▶ 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
- ▶ Regulatroy documentation
- ▶ Quick Install Guide (1)

# XAP-1610-NI

## Apex™ ⌂ Series
## Wave 2 AC3100 Dual-Band Access Point

### WHAT THIS PRODUCT DOES:

The XAP-1610 is built with leading edge 802.11ac Wave 2 technology which offers support for more connected devices and increased data rates, delivering outstanding WiFi performance. It is compatible with all Luxul WiFi controllers, both standalone and embedded, 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.

► Great for streaming media and other demanding applications

► Installs on ceiling or wall, or use as a desktop AP

### FEATURES:

► High output power for maximum coverage

► Concurrent dual-band wireless ac

► 2.4 and 5GHz beamforming

► High performance 802.11ac WiFi (data transfers up to 3167Mbps*)

► Compatible with Luxul wireless controllers featuring Luxul Roam Assist™

► Up to 4 SSIDs per band for a total of 8 SSIDs

► VLAN support for creating a secure guest network

► 4x4 dual-band

► Wave 2 technology (MU-MIMO)

► Simple and discreet installation

► Supports up to 128 clients

► Three-year limited warranty

### XAP-1610 TECHNICAL SPECIFICATIONS

#### Hardware Features

| | |
|---|---|
| Standards Compliance | IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at |
| Interface | Two 10/100/1000M ports |
| Antenna | Four dual-band antennas |
| Button | Reset button |
| Power | PoE (injector not included) |
| Power Consumption | 18W Avg |
| Max Power Consumption | 26W |
| Environmental Temperatures | 0-50°C (32-122°F) |
| Dimensions WxHxD in. (mm) | 7.28"x1.71"x7.28" (185 x 43.5 x 185) |
| Weight lbs (kg) | 1.50 (.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 | ► 2.4GHz: 1.0Gbps; * <br> ► 5GHz: 2.167Gbps* |
| Wireless Security | WPA-PSK, WPA2-PSK, WPA/WPA2 |
| Operating Modes | Wireless AP |
| Other Functions and Features | ► Web management <br> ► System logging <br> ► Backup & restore configurations <br> ► Firmware upgradeable via UI <br> ► Wave 2 technology (MU-MIMO) |
| Certifications | FCC, IC, CE, RCM, RoHS |

* 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 Requirements
► Web browser
► Ethernet cable
► Internet connection to view documentation online

### Package Contents
► Wave 2 AC3100 Dual-Band Wireless AP (1)
► Mounting kit
► Rubber feet
► Ethernet cable
► Quick Install Guide