

## EPIC MESH

### WHAT THIS PRODUCT DOES:

The expectation with Luxul networking products is that they'll deliver reliable, high-performance solutions; nothing changes when it comes to our mesh solution. This item can be configured as a router or wireless node. Each node in the network is able to communicate with other nodes, forming a point-to-point mesh. With Luxul's mesh, you have the powerful wireless performance you expect from Luxul in an easy-to-sell, easy-to-install solution.

The Luxul Easy Setup App is a fast and simple way to configure your Epic Mesh system. To set advanced features, simply use a browser\*\* to access the UI after the initial configuration is completed.

- ▶ Deploy a point-to-point mesh solution
- ▶ Easy to sell and easy to install
- ▶ Multiple SSID support for simple primary, guest, and control system configuration
- ▶ Utilize Luxul's Easy Setup App for iOS and Android for an easy and fast installation
- ▶ Provide fast, reliable internet connection for client devices on the network

### FEATURES:

- ▶ Antenna array design allows for 2x2 for clients and dedicated 4x4 for a faster, more reliable backhaul communication between nodes
- ▶ Supports up to 4 SSIDs per band for a total of 8 SSIDs
- ▶ Single node/dual purpose (either router or remote node operation)
- ▶ Innovative antenna design for superior performance
- ▶ Compatible with Luxul Easy Setup App for familiar and fast install via Bluetooth connection

**EPIC MESH NODES ARE DESIGNED TO WORK TOGETHER AND NOT WITH OTHER LUXUL WIRELESS PRODUCTS.**

\*\*Chrome is the recommended browser for connecting to your Epic Mesh system.

## EPIC MESH

### High Performance Mesh Kit

Part number: MK-10



### TECHNICAL SPECIFICATIONS

#### Hardware Features

<b>Standards</b>	▶ IEEE.802.11b/g/n, 802.11a/n/ac
<b>Number of Ports</b>	▶ Two 10/100/1000M ports; Gigabit WAN to LAN speeds
<b>Antenna</b>	▶ 4 5GHz antennas ▶ 2 dual-band antennas ▶ 1 Bluetooth antenna <i>designed for horizontal placement</i>
<b>Dimensions LxWxH In. (mm)</b>	5.3"(135) x 5.3"(135) x 1.8"(45) - (each node)
<b>Weight lbs (kg)</b>	1 (.5) - (each node)
<b>LEDs</b>	1 multi-function single LED (can be turned off/on via user interface)
<b>Initial Setup</b>	Easy Setup App via Bluetooth
<b>Button</b>	Reboot or Reset
<b>Power Consumption</b>	Maximum 30 watts
<b>Power Supply</b>	External - 12v DC, 2.5A
<b>Operating Temperatures</b>	0 - 35°C (32-95°F)
<b>Operating Humidity</b>	10% - 90% non-condensing

#### Wireless and Other Features

<b>Design</b>	▶ Tri-band with dedicated 4x4 5GHz backhaul
<b>SSID</b>	▶ Supports up to 4 SSIDs per band for a total of 8 SSIDs
<b>Frequency</b>	▶ Concurrent 2.4GHz and 5GHz with Beamforming for client and backhaul
<b>Wireless Speed</b>	2.4GHz - 1.0Gbps* 5GHz - 2.167Gbps*
<b>Wireless Security</b>	Open, WPA, WPA2, WPA/WPA2 mixed
<b>Other Functions and Features</b>	▶ WPA encryption, DHCP, IPV6, NAT, VPN passthrough, UPnP, WAN static IP, WAN PPPoE, WAN VLAN tagging, static leases, port forwarding, DMZ, wireless guest network, band steering, client roaming, airtime fairness, adaptive path selection ▶ Backup and restore configurations ▶ Firmware upgradeable ▶ MU-MIMO with Beamforming ▶ Nodes can be connected wired or wirelessly ▶ Nodes can be configured as either a router or remote node ▶ Guest network
<b>Certifications</b>	FCC, IC, RCM, NCC, RoHS, CB Report

\*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

#### Requirements

- ▶ iOS or Android device w/ Luxul Easy Setup App for initial setup
- ▶ Web browser
- ▶ Ethernet cable
- ▶ Internet connection to view documentation online

#### Package Contents

- ▶ (2) MN-10s
- ▶ (2) Power supplies
- ▶ Quick Install Guide
- ▶ Ethernet cable