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ntents



EdgeRouter Lite



Screws (Qty. 2)



Screw Anchors (Qty. 2)



Power Adapter (12V, 1A)

Installation Requirements

- Drill with a 6 mm drill bit (for wall-mounting)
- Phillips screwdriver
- For indoor applications, use Category 5 (or above) UTP cabling approved for indoor use.
- For outdoor applications, shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC ground of the power supply.

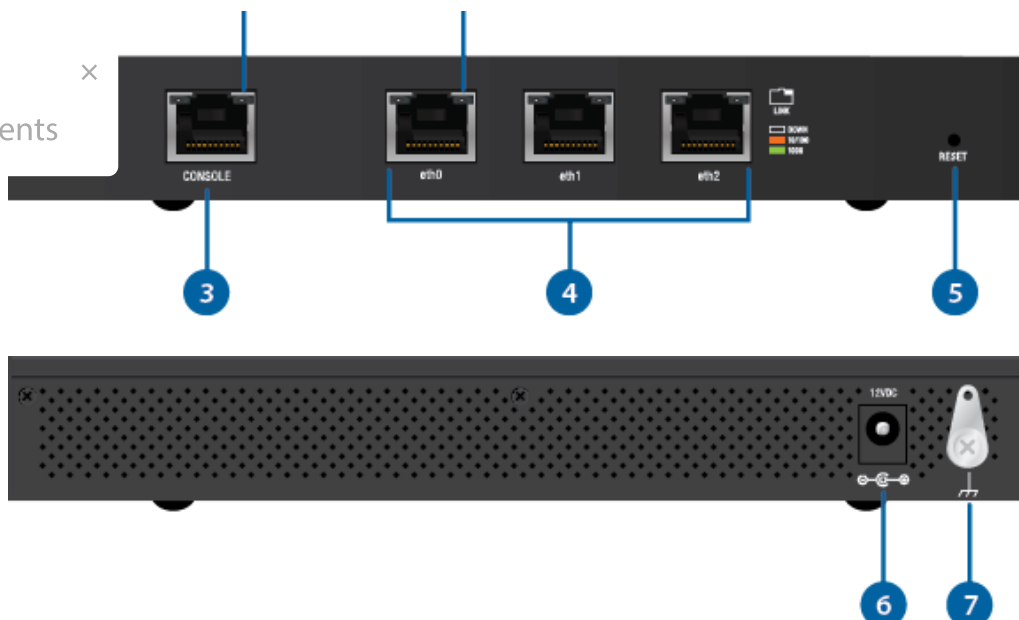
We recommend that you protect your networks from harmful outdoor environments and destructive ESD events with industrial-grade, shielded Ethernet cable from Ubiquiti. For more details, visit: ui.com/toughcable



Note: Although the cabling can be located outdoors, the EdgeRouter itself should be housed inside a protective enclosure.

Hardware Overview

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1 Power LED

Green	EdgeRouter Powered On
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2 RJ45 Speed/Link/Activity LED (eth0 - eth2 Ports)

Off	No Link
Amber	Link Established at 10/100 Mbps Flashing Indicates Activity
Green	Link Established at 1000 Mbps Flashing Indicates Activity

3 Console Port

RJ45 serial console port for Command Line Interface (CLI) management.

4 RJ45 (eth0 - eth2 Ports)

RJ45 ports support 10/100/1000 Ethernet connections. By default, eth1 is set up as a DHCP client, while eth0 is assigned a static IP address of 192.168.1.1.

5 Reset Button

[Click here](#) to learn how to reset the EdgeRouter to factory defaults.

6 Power Port

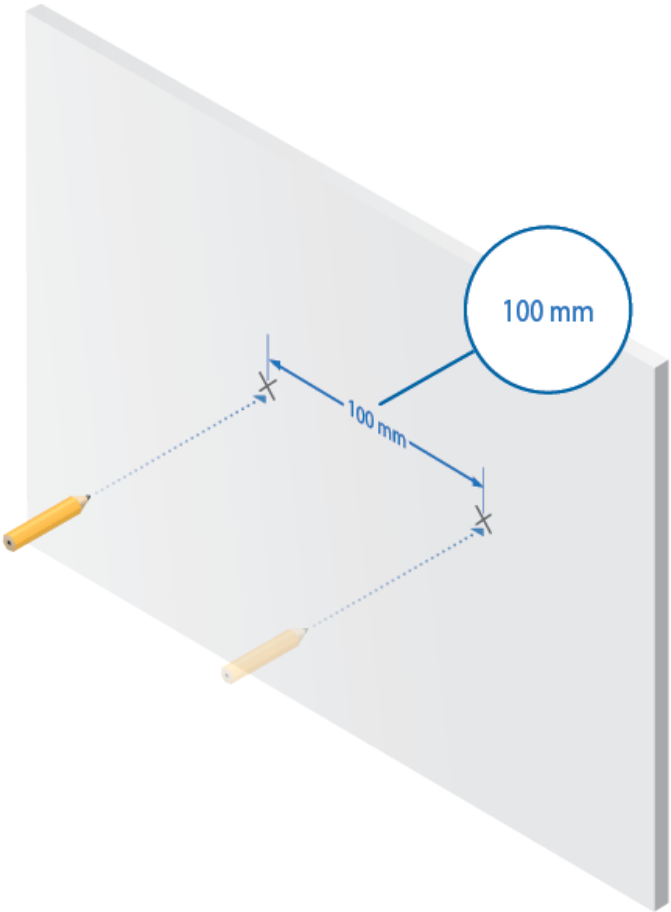
Connect the included Power Adapter to the Power port.

7 Grounding Point

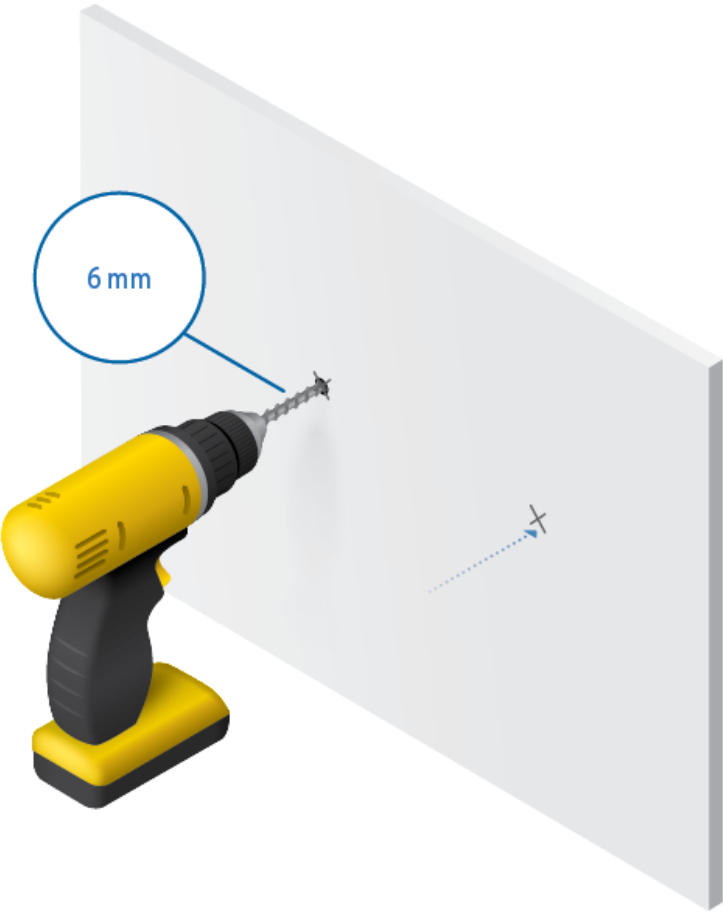
Ground bonding point for an optional ground wire.

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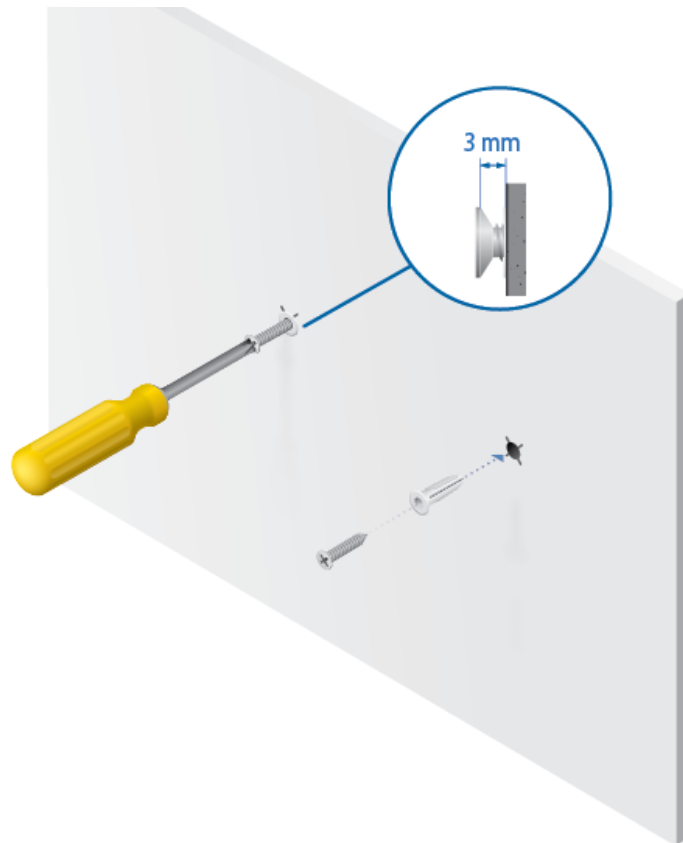
2.



3.

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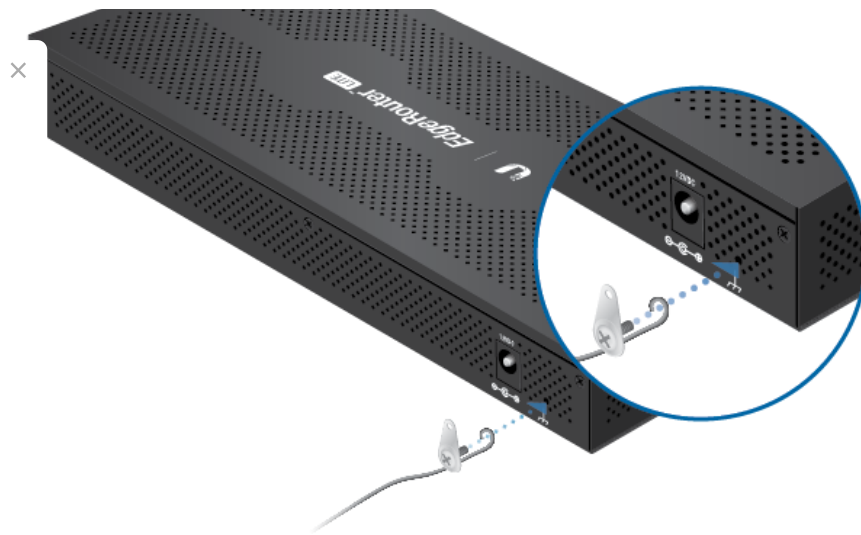
4.



Grounding (Recommended)

The Power Adapter grounds the device; however, you can add optional ESD grounding for enhanced ESD protection (ground wire not included).

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Connecting Power



Accessing the EdgeOS Configuration Interface

The EdgeOS® configuration interface can be accessed via DHCP or static IP address assignment. By default, eth1 is set up as a DHCP client, while eth0 is assigned a static IP address of 192.168.1.1. To configure the EdgeRouter, proceed to the appropriate section: DHCP or [“Static IP Address”](#).

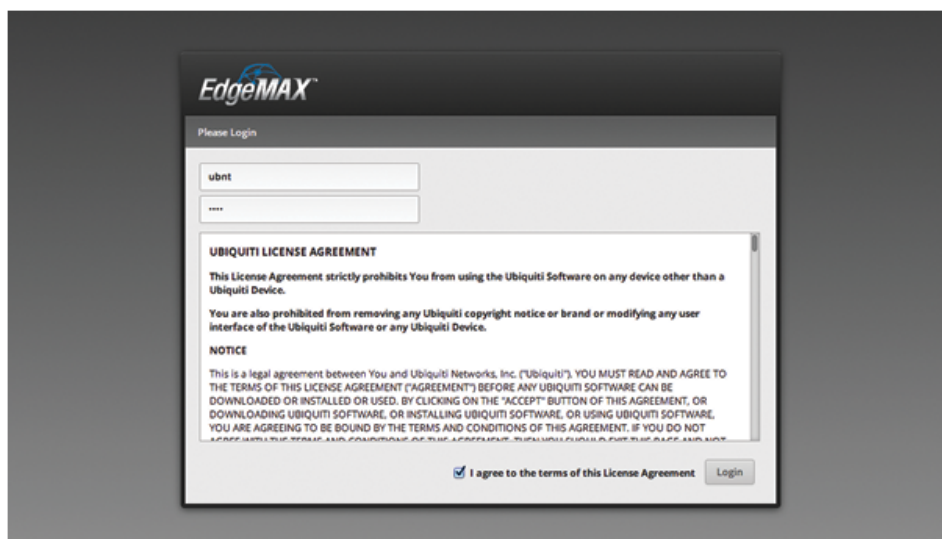
DHCP

1. Connect an Ethernet cable from eth1 on the EdgeRouter to a LAN segment that has an existing DHCP server.

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2. To check the IP address of the EdgeRouter, use one of the following methods:
 - Set up the DHCP server to provide a specific IP address to the EdgeRouter based on its MAC address (on the label).
 - Let the EdgeRouter obtain an IP address and then check the DHCP server to see which IP address was assigned.
3. Launch your web browser. Enter the appropriate IP address in the address field. Press enter (PC) or return (Mac).
4. Enter ubnt in the Username and Password fields. Read the Ubiquiti License Agreement, and check the box next to I agree to the terms of this License Agreement to accept it. Click Login.



The EdgeOS Configuration Interface will appear, allowing you to customize your settings as needed. For more information, refer to the EdgeOS User Guide, which is available at ui.com/download/edgemax

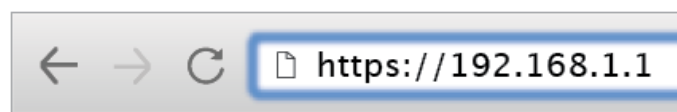
Static IP Address

1. Connect an Ethernet cable from the Ethernet port of your computer to the port labeled eth0 on the EdgeRouter.

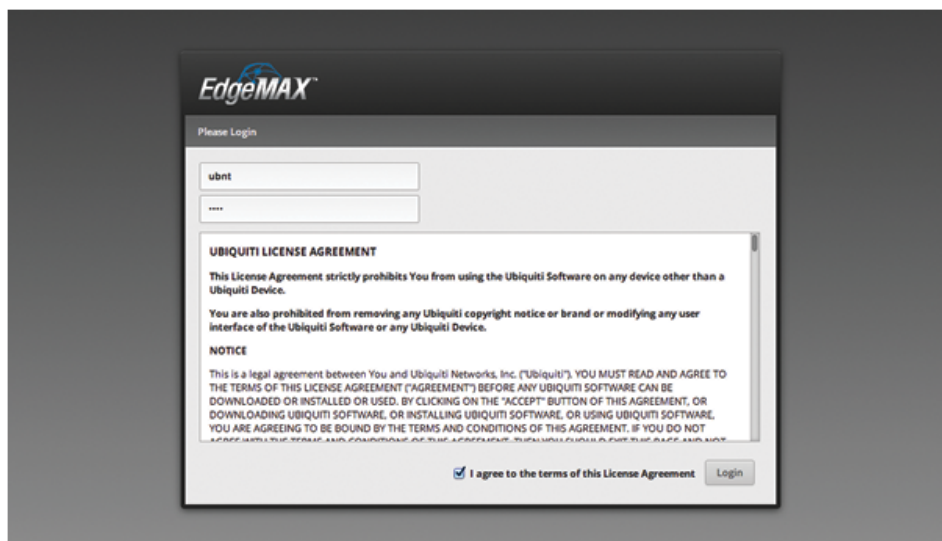
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2. Configure the Ethernet adapter on your host system with a static IP address on the 192.168.1.x subnet.
3. Launch your web browser. Type `https://192.168.1.1` in the address field. Press enter (PC) or return (Mac).



4. Enter `ubnt` in the Username and Password fields. Read the Ubiquiti License Agreement, and check the box next to I agree to the terms of this License Agreement to accept it. Click Login.



The EdgeOS Configuration Interface will appear, allowing you to customize your settings as needed. For more information, refer to the EdgeOS User Guide, which is available at ui.com/download/edgemax

UNMS Management

You can manage your device using UNMS, which lets you configure, monitor, upgrade, and back up your devices using a single application. Get started at www.unms.com

Specifications

ERLite-3	
Dimensions	200 x 90 x 30 mm (7.87 x 3.54 x 1.18")

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Weight	315 g (12.17 oz)
External AC/DC Power Adapter, 12W (12V, 1A) (Included)	
External AC/DC Adapter	
Operating Voltage Range	9 to 24VDC
Processor	Dual-Core 500 MHz, MIPS64 with Hardware Acceleration for Packet Processing
System Memory	512 MB DDR2 RAM
Code Storage	2 GB
Power Input	12VDC, 1A Power Adapter (Included)
Button	Reset
Wall Mount	Yes
LEDs	
Serial Console Port	Power
Data Ports	Speed/Link/Activity
Networking Interfaces	
Serial Console Port	(1) RJ45 Serial Port
Data Ports	(3) 10/100/1000 Ethernet Ports
Operating Temperature	-10 to 45° C (14 to 113° F)
Operating Humidity	90% Noncondensing
Certifications	CE, FCC, IC

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.



WARNING: Failure to provide proper ventilation may cause fire hazard. Keep at least 20 mm of clearance next to the ventilation holes for adequate airflow.



WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.



WARNING: Do not use this product in location that can be submerged by water.



WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.

3. This equipment is provided with a detachable power cord which has an integral safety ground wire connection to a grounded safety outlet.

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Do not use the power cord with one that is not the provided approved type. Never use an extension cord to connect to a 2-wire outlet as this will defeat the continuity of the grounding wire.

- b. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can provide a shock hazard that can result in serious injury or death.
- c. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
- d. Protective earthing is provided by Listed AC adapter. Building installation shall provide appropriate short-circuit backup protection.
- e. Protective bonding must be installed in accordance with local national wiring rules and regulations.

Limited Warranty

ui.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

ISED Canada

CAN ICES-3(A)/NMB-3(A)

Australia and New Zealand



Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

CE Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.

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[Balance Statement](#)

Declaration of Conformity

Online Resources

