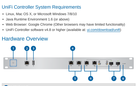
Package Contents



UniFi Security Gateway Pro | Power Cord | Mounting Screws (Qty. 4)

Cage Nuts (Qty. 4)

Installation Requirements

- Phillips screwdriver
- Standard cord, 19" wide rack with a minimum of 1U height available
- 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 building as well.
  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, see the Ethernet Solution.

NOTE: Although the cabling can be located outdoors, the UniFi Gateway itself should be housed inside a protective enclosure.

IMPORTANT: We strongly recommend using UPS backup and proper regulation of power equipment damage due to stability issues with local AC power.

UniFi Controller System Requirements

- Linux, Mac OS X, or Microsoft Windows 7/8/10
- Java Runtime Environment 1.8 (or above)
- Modern web browser (Google Chrome recommended may have limited functionality)
- UniFi Controller software v4.8 or higher (available at: ui.com/download/unifi)

Hardware Overview

1	System LED
	Click here for detailed descriptions.
2	Console Port
	RJ45 serial console port for Command Line Interface (CLI) management. Use an RJ45-to-DB9 serial console cable, also known as a rollover cable, to connect the console port to your computer. Then configure the following settings as needed: • Baud rate: 115200 • Data bits: 8 • Parity: None • Stop bits: 1 • Flow control: NONE
3	USB Port
	Reserved for future use.
4	LAN1 / WAN / SFP Speed/Link/Act LED
Off	No Link
Amber	Link Established at 10/100 Mbps Flashing Indicates Activity
Green	Link Established at 1000 Mbps Flashing Indicates Activity
5	LAN Ports 1 - (3)
	RJ45 ports support 10/100/1000 Ethernet connections. By default, the LAN1 port is set to DHCP Client and the LAN2 port is set to DHCP Server.
6	WAN (Port) 1 - (2)
	RJ45 ports support 10/100/1000 Ethernet connections. A WAN port is active only if the corresponding SFP port is empty. By default, the WAN1 port is set to DHCP Client.
7	SFP (Port) 1 - (2)
	SFP ports are hot-swappable and support 10/100/1000 fiber SFP modules. If an SFP module is plugged in, then the SFP port is active, and the corresponding WAN port is disabled. By default, the SFP1 port is set to DHCP Client.
8	Reset Button
	Resets to factory defaults. The UniFi Gateway should be running after backup is complete. Hold down the reset button until the system LED blinks blue (about 10 sec.). Let go of the WAN2 port starts flashing and then becomes solid blue. After a few seconds, the LED will turn off, and the UniFi Gateway will automatically reboot.

Hardware Installation

1.

2.

OR

3.

Connecting Ethernet

Using SFP Ports

1.

2.

Note: The corresponding WAN port will be deactivated.

3.

For information about compatible fiber SFP modules, visit: community.ubnt.com/unifi

Software Installation

Download the latest version of the UniFi Controller software at: ui.com/download/unifi

From a management station connected to the same Layer 2 network, launch the UniFi Controller and follow the wizard.

Note: If you already have UniFi Controller v4.8 or higher installed, go to the section, Adopting the UniFi Gateway.

After you have installed the software and run the UniFi Installation Wizard, a login screen will appear for the UniFi Controller management interface. Enter the username and password that you created and click Sign In.

You can manage your network and view network statistics using the UniFi Controller management interface. For more information on using the UniFi Controller software, refer to the User Guide located on our website at: ui.com/download/unifi

Adopting the UniFi Gateway

1. From the UniFi Controller dashboard, click Devices in the left menu bar.

2. Locate the UniFi Gateway in the list of devices under the Model column. Click Adopt.

3. The System LED on the UniFi Gateway will turn blue to confirm that it is successfully adopted.

Optional WAN Port Configuration via Layer 3

By default, the WAN1 port is set to DHCP so it can be assigned network settings by the upstream DHCP server. This is the typical configuration in a compact deployment (or through a switch) to the LAN1 port of the UniFi Gateway.

1. From a web browser, go to: https://setup.ui.com

2. Enter your Username and Password. Click Sign In.

Tip: If the UniFi Gateway has not been adopted by a UniFi Controller, the Sign-Up option will be skipped and the Setup wizard will appear.

3. Click Edit Configuration to configure the WAN1 port as DHCP, Static IP, or PPPoE.

For information on using the UniFi Controller software, refer to the User Guide located on our website at: ui.com/download/unifi

Specifications

	USG-PRO-4
Dimensions	9W x 1.7H x 13D mm (10.06 x 1.73 x 5.46")*
Weight	1.7 kg (3.97 lb)
Networking Interface Management Port Data Ports	(1) RJ45 Serial Port (3) 10/100/1000 RJ45 Port (2) 10/100/1000 RJ45/SFP Combination Ports
Max. Power Consumption	40W
Power Supply	Internal AC/DC Power Adapter, 90W (24V, 3.75A)
Input Voltage Range	100 - 240VAC
LED System Data Ports	Status Speed/Link/Activity
Layer 3 Forwarding Performance Firewall & NAT Performance Packet Size: 512 Bytes or Longer	2,400,000 pps 1 Gbps (one flow)
Processor	Dual Core 1 GHz, MIPS64 with Hardware Acceleration
System Memory	512MB DDR3 RAM
On-Board Flash Storage	4 GB
Rackmount	Yes
Operating Temperature	10 to 40 °C (14 to 104 °F)
Operating Humidity	10 to 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: Use only with equipment powder coated/anodized metal housing.

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 manufacturer's plate. Connection to a power source not within these specifications may result in damage and/or injury.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified technician.
3. This equipment is provided with a detachable power cord which has an integral safety ground wire intended for connection to a grounded safety outlet.
   1. Do not substitute the power cord with one that is not provided approved type. Never use an adapter plug to connect to a mains socket or outlet that has not been wired and fitted with correct terminals.
   2. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can lead to electrical shock or other hazards. Do not defeat the ground connection.
   3. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
   4. Protect the power cord from being walked on or pinched. Building installations shall provide appropriate short-circuit backup protection.
   5. 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. Operation 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

Cet ECS SUSHMI-3/G

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.

CE

WEEE Compliance Statement

Declaration of Conformity

Online Resources

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