



FortiGate80E/81E-P0E

Box Includes



FortiGate 80E/81E-POE



Information Supplement



FortiGate/FortiWiFi QuickStart Guide



Power Cable



Power Adapter



Ethernet Cable



4 Rubber Feet



Wall Mount Hardware



Wall Mount Kit

Installation

The FortiGate unit can be placed on any flat surface with the provided rubber feet, or mounted to a wall with the providing mounting hardware.

Caution: Electrostatic discharge (ESD) can damage your Fortinet equipment.

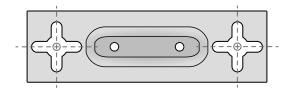
Do not place heavy objects on the unit.

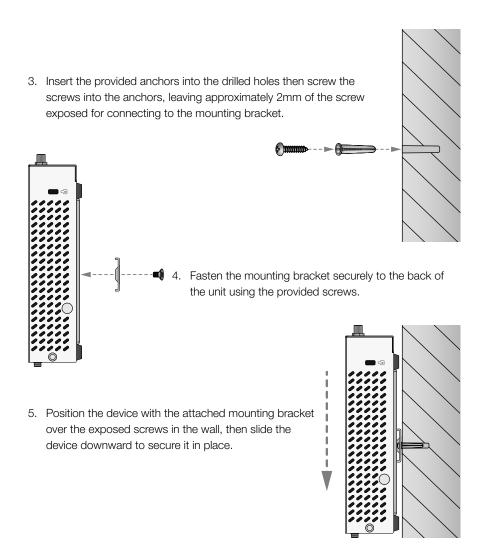
To install the unit on a flat surface

- Ensure that the surface onto which the FortiGate unit to be installed is clean, level, and stable and that there is at least 1.5in (3.8cm) of clearance on all sides to allow for adequate airflow.
- 2. Attach the provided rubber feet to the bottom of the FortiGate unit.
- 3. Place the unit in the designated location.
- 4. Verify that the spacing around the FortiGate unit conforms to requirements and that the unit is level.
- 5. Plug the provided power adapter into the rear of the unit, and then plug the transformer into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU) with the provided power cable.

To mount the device on a wall

- Use the mounting bracket to mark the location of the mounting holes on a flat wall surface.
- 2. Drill the mounting holes in the marked locations.





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an uninterruptible power supply (UPS) or a power distribution unit (PDU) with the
provided power cable.

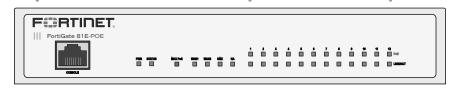
FortiGate 80E/81E-POE

Ethernet Ports PoE

- Green: PoE device receiving power
- Off: No device receiving power
 Ethernet Ports Link/Activity

Logo

- Green: The unit is on
- Off: The unit is off
- Flashing Green: Transmitting & receiving at 1Gbps
- C Flashing Amber: Transmitting & receiving at 10/100Mbps
- Off: No link established



WAN (RJ-45), DMZ, and HA Ports

- Flashing Green: Transmitting & receiving at 1Gbps
 - Flashing Amber: Transmitting & receiving at 10/100Mbps
- Off: No link established

WAN (SFP) Ports

- -O-Flashing Green: Transmitting & receiving
- Off: No link established

Power

- Green: The unit is on
- Off: The unit is off

Status

- Green: Normal
- -O-Flashing Green: Booting up
- Amber: Major or minor alarm

Max PoE

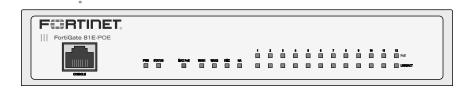
- Red: PoE consumption at threshold
- Off: PoE consumption normal

FortiGate 80E/81E-POE

WAN Ports 1 & 2 1Gbps small form-factor pluggable transceiver ports shared with Gigabit Ethernet Internet connections DMZ Port (RJ-45) Optional connection to DMZ network Power 54V DC 100-240V AC, 50-60Hz adapter USB (USB A) 🛶 HA (RJ-45) USB 2.0 server port Optional connection to other FortiGate units for High Availability (HA) Ethernet Ports 1 - 12 (RJ-45) Gigabit Ethernet ports with 802.3at Power over Ethernet (PoE) providing up to a maximum of 110W for all ports

Console (RJ-45)

Optional connection to the management computer Provides access to the CLI



Cautions and Warnings

Environmental specifications

Ambient operating temperature: 0C to 40C

Safety

Battery – Risk of explosion if the battery is replaced by an incorrect type. Do not dispose of batteries in a fire. They may explode. Dispose of used batteries according to your local reculations. IMPORTANT: Switzerland: Annex 4.10 of SR814.013 anolies to batteries.

Batterie – Risque d'explosion si la batterie est remplacée par un type incorrect. Ne jetez pas les batteries au feu. Ils peuvent exploser. Jetez les piles usagées conformément aux réglementations locales. IMPORTANT: Suisse: l'annexe 4.10 de SR814.013 s'appliquent aux hatteries.

警告 本電池如果更換不正確會有爆炸的危險 請依製造商說明書處理用過之電池

Caution: This equipment is to be used in a Network Environment 0 per IECTR 62101.

This product is connected only to PoE networks without routing to the outside plant.

Attention: Ce matériel doit être utilisé dans un Environnement Réseau 0 par IECTR 62101.

Ce produit est uniquement connecté aux réseaux PoE sans installation externe de routage.

Regulatory Compliance

Federal Communication Commission (FCC) - USA

This device complies with Part 15 of 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 B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada Equipment Standard for Digital Equipment (ICES) – Canada

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

European Conformity (CE) - EU

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



Product Safety Electrical Appliance & Material (PSE) - Japan

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