

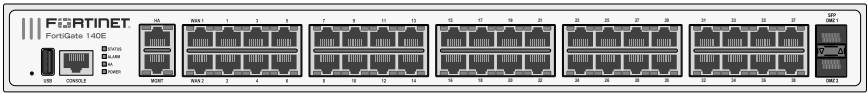
**FORTINET®**



# FortiGate 140E Series

## Information

# Box Includes



FortiGate 140E/140E-POE



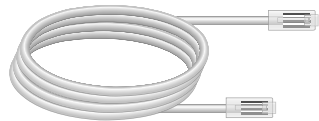
The FortiGate QuickStart Guide



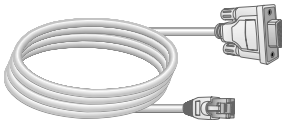
Information Supplement



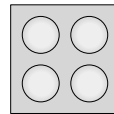
Power Cable



Ethernet Cable



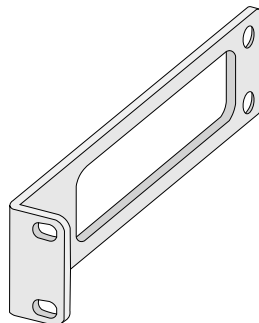
Console Cable



4 Rubber Feet



8 Bracket Screws



2 Rack-Mount Brackets

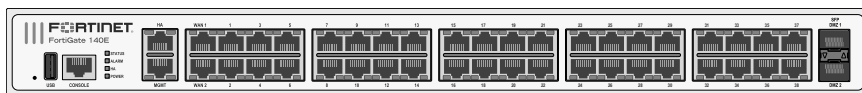
## FortiGate 140E

Logo

- ⋮

## SFP Ports

- 



## Status

- 

## Alarm

- 

## HA

- 

## Power

- 

## Ethernet Ports Link/Activity

- 

## Ethernet Ports Speed

-

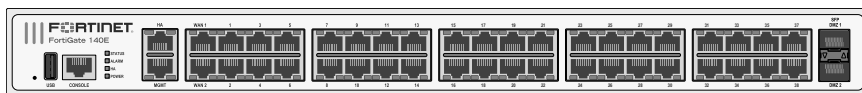
# FortiGate 140E

## Ethernet Ports 1 - 38 (RJ-45)

Gigabit Ethernet network connections

## WAN Ports 1 & 2 (RJ-45)

Gigabit Ethernet Internet connections



## HA (RJ-45)

Optional connection to other FortiGate units for High Availability (HA)

## MGMT (RJ-45)

Client port for management

Default IP address is 192.168.1.99

## USB (USB A)

USB 3.0 server port

## DMZ Ports 1 & 2 (SFP)

Optional 1Gbps SFP port connections to DMZ network or devices

## Console (RJ-45)

Optional connection to the management computer

Provides access to the CLI

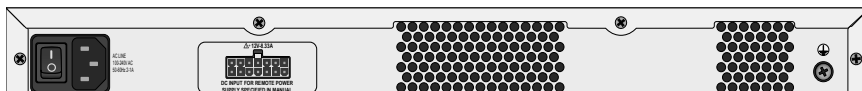
## Power

100-240V AC, 50-60Hz, 2-1A

## RPS

Optional redundant power supply connection

12V DC @ 8.33A



## FortiGate 140E-POE

## SFP Ports

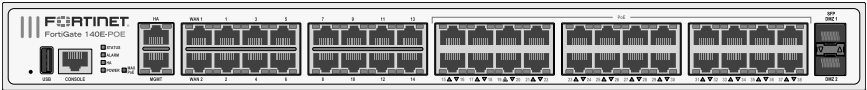
- Green: Connected
- ◉ Flashing Green: Transmitting & receiving data
- Off: No link established

## Logo

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

## PoE Ports

- Green: PoE device connected and powered
- Off: No PoE device connected



## Ethernet Ports Link/Activity

- Green: Connected
- ◉ Flashing Green: Transmitting & receiving data
- Off: No link established

## Status

- Green: Normal
- Flashing Green: Booting up
- Red: The unit has a major alarm

## Ethernet Ports Speed

- Green: Connected at 1Gbps
- Amber: Connected at 100Mbps
- Off: Connected at 10Mbps or not in use

## Alarm

- Amber: The unit has a minor alarm
- Off: The unit is operating normally

## HA

- Green: Operating in an HA cluster
- Red: HA failure

## Power

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

## PoE Max

- Red: Maximum PoE power allocated
- Off: PoE power available

# FortiGate 140E-POE

## Ethernet Ports 1 - 14 (RJ-45)

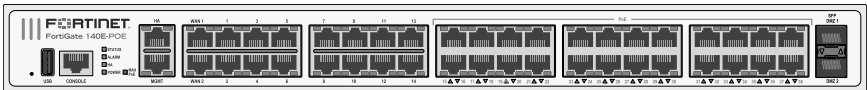
Gigabit Ethernet network connections

## Ethernet Ports 15 to 38 (RJ-45)

Gigabit Ethernet ports with Power over Ethernet (PoE) providing up to a maximum of 400W

## WAN Ports 1 & 2 (RJ-45)

Gigabit Ethernet Internet connections



## HA (RJ-45)

Optional connection to other FortiGate units for High Availability (HA)

## MGMT (RJ-45)

Client port for management  
Default IP address is 192.168.1.99

## USB (USB A)

USB 3.0 server port

## Console (RJ-45)

Optional connection to the management computer  
Provides access to the CLI

## DMZ Ports 1 & 2 (SFP)

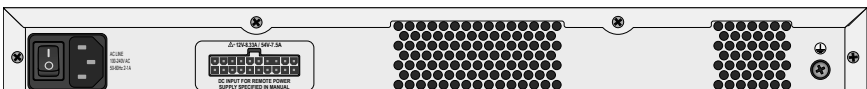
Optional 1Gbps SFP port connections  
to DMZ network or devices

## Power

100-240V AC, 50-60Hz, 2-1A

## RPS

Optional redundant power supply connection  
12V DC @ 8.33A / 54V @ 7.5A



Cautions and Warnings

Environmental specifications

Ambient operating temperature: 0C to 40C

Rack Mount Instructions - The following or similar rack-mount instructions are included with the installation instructions:

Instructions de montage en rack - Les instructions de montage en rack suivantes ou similaires sont incluses avec les instructions d'installation:

Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.  
Température ambiante élevée – S'il est installé dans un rack fermé ou à unités multiples, la température ambiante de fonctionnement de l'environnement du rack peut être supérieure à la température ambiante de la pièce. Par conséquent, il est important d'installer le matériel dans un environnement respectant la température ambiante maximale (Tma) stipulée par le fabricant.

Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.  
Ventilation réduite – Installation de l'équipement dans un rack doit être telle que la quantité de flux d'air nécessaire au bon fonctionnement de l'équipement n'est pas compromise.

Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.  
Chargement Mécanique – Montage de l'équipement dans le rack doit être telle qu'une situation dangereuse n'est pas liée à un chargement mécanique inégal.

Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.  
Surtension – Il convient de prendre l'ensemble des précautions nécessaires lors du branchement de l'équipement au circuit d'alimentation et être particulièrement attentif aux effets de la suralimentation sur le dispositif assurant une protection contre les courts-circuits et le câblage. Ainsi, il est recommandé de tenir compte du numéro d'identification de l'équipement.

Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).  
Fiabilité de la mise à la terre– Fiabilité de la mise à la terre de l'équipement monté en rack doit être maintenue. Une attention particulière devrait être accordée aux connexions d'alimentation autres que les connexions directes au circuit de dérivation (par exemple de l'utilisation de bandes de puissance).

Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude).  
Référer à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).

Safety

**Warning:** Equipment intended for installation in Restricted Access Location.  
**Avertissement:** Le matériel est conçu pour être installé dans un endroit où l'accès est restreint.

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 regulations. IMPORTANT: Switzerland: Annex 4.10 of SR614.013 applies 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 SR614.013 s'appliquent aux batteries.

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 IEC/TR 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 IEC/TR 62101. Ce produit est uniquement connecté aux réseaux PoE sans installation externe de routeur.

The RPS connection is intended to be connected to the power source from Fortinet IEC certified/UL Listed equipment. The power rating of the product must be less than or equal to the output rating of the power source.

La connexion de RPS est destiné à être relié à la source de Fortinet CEI de matériel homologué / Listé UL puissance. La puissance nominale du produit doit être inférieure ou égale à la puissance nominale de sortie de la source d'alimentation.

Regulatory Notice

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 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 it is not installed and used in accordance with the instruction manual, it 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.

**WARNING:** Any changes or modifications to this product 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)

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

European Conformity (CE) - EU

This is a Class A 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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Voluntary Control Council for Interference (VCCI) – Japan

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Bureau of Standards Metrology and Inspection (BSMI) – Taiwan

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The presence conditions of the restricted substance (BSMI RoHS table) are available at the link below:  
<https://www.fortinet.com/bsmi>

China

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Korea Certification (KC) – Korea

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