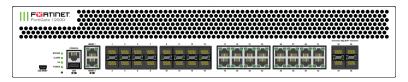




# FortiGate 1200D

Information

# Box Includes



FortiGate 1200D



QuickStart Guide



Information Supplement



2 AC Power Cables



Ethernet Cable



USB Cable



Console Cable



2 Rack-Mount Brackets



12 Bracket Screws



6 Rubber Feet

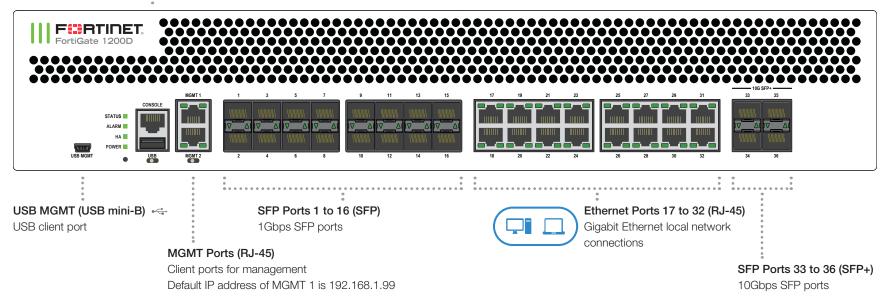
### Console (RJ-45)

Optional connection to the management computer Provides access to the CLI

USB (USB A) ←

USB server port

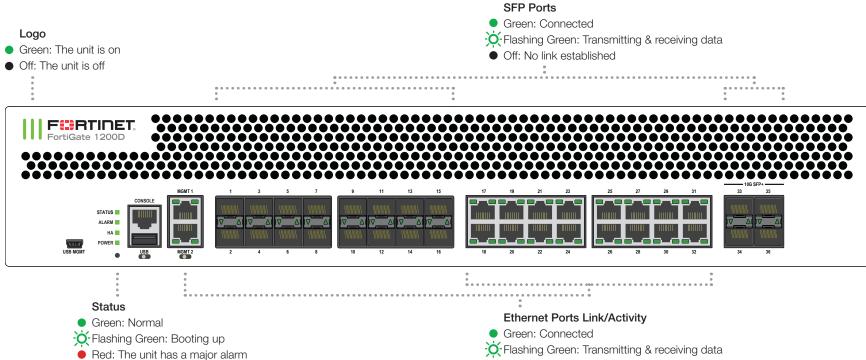
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### **AC Power**

100-240V AC, 50/60Hz, 5.5-3A redundant power supplies

\*\* POWER \*\*



# Alarm

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

### HA

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

## Power

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

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

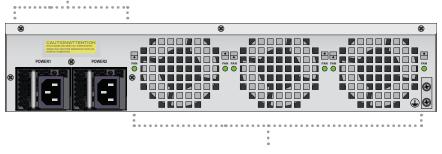
# **Ethernet Ports Speed**

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

# FortiGate 1200D

# **AC Power Supply**

- Green: Power supply providing power
- -O-Flashing Green: Power supply not providing power
- Amber: Main output failure or fan error
- -C-Flashing Amber: Power supply warning event
- Off: No AC power to all power supplies



### Fans

- Green: Fan on and operating within normal range
- Off: Fan off or in error state

# Rack Installation

The FortiGate unit can be mounted in any standard 19 inch rack unit with the provided rack-mount brackets and screws.

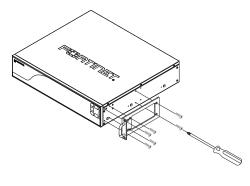
Caution: Electrostatic discharge (ESD) can damage your Fortinet equipment.

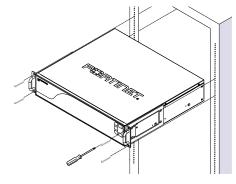
To avoid personal injury or damage to the unit, it is recommended that two or more people install the unit into the rack.

Do not place heavy objects on the unit.

# To install the FortiGate unit into a rack

- Attach the provided rack-mount brackets to the sides of the unit using the provided screws.
- Position the FortiGate unit in the rack. Ensure there is enough room around the unit to allow for sufficient air flow.
- 3. Line up the rack-mount bracket holes to the holes on the rack and ensure that the FortiGate unit is level.
- 4. Finger tighten four rackmount screws to attach the unit to the rack.
- Verify that the spacing around the FortiGate unit conforms to requirements and that the unit is level, then tighten the rackmount screws with an appropriate screwdriver.





6. Plug the provided power cable into the rear of the unit, and then into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).

# Desktop Installation

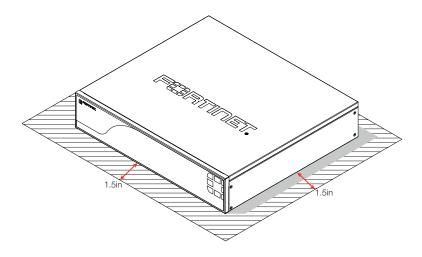
The FortiGate unit can be placed on any flat surface with the provided rubber feet.

**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

- 1. 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.
- Verify that the spacing around the FortiGate unit conforms to requirements and that the unit is level.



 Plug the provided power cable into the rear of the unit, and then into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).

#### Cautions and Warnings

#### **Environmental specifications**

Ambient operating temperature: 0°C to 40°C

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'ill est installé dans un rack fermé ou à unitée multiples, la température ambiante de fonctionnement de l'environmement durack 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) stoulée 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'équipmenent dans un rack doit être telle que la quantité de flux d'air nécessaire au bon fonctionnement de l'équipmenent 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 lié 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 ré l'éminement.

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 ouissancel.

Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude)

Référez à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).

#### Safety

Moving parts — Hazardous moving parts. Keep away from moving fan blades. Pièces mobiles – Pièces mobiles dangereuses. Se tenir éloigné des lames mobiles du ventilateur.

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.

**Warning:** A readily accessible disconnect device shall be incorporated in the building installation wiring.

Avertissement: Un dispositif de déconnexion facilement accessible doit être incorporé dans l'installation électrique du bâtiment.

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 SR814.013 applies to batteries.

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

者宣 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: Shock Hazard. Disconnect all power sources.

ATTENTION: Risque d'électrocution. Débranchez toutes les sources d'alimentation.

Grounding — To prevent damage to your equipment, connections that enter from outside the building should pass through a lightning / surge protector, and be properly grounded. Use an electrostatic discharge workstation (ESD) and/or wear an anti-static wrist strap while you work. In addition to the grounding terminal of the plug, on the back panel, there is another, separate terminal for earthing.

Mise à la terre — Pour éviter d'endommager votre matériel, assurez-vous que les branchements qui entrent à partir de l'extérieur du bâtiment passent par un parafoudre / parasurtenseur et sont correctement mis à la terre. Utilisez un poste de travail de décharge électrostatique (ESD) et / ou portez un bracelet anti-statique lorsque vous travaillez. Ce produit possède une borne de mise à la terre et les trevu à l'arrière du produit, à ceci s'aloute la mise à la terre de la orise.

This product has a separate protective earthing terminal provided on the back of the product in addition to the grounding terminal of the attachment plug. This separate protective earthing terminal must be permanently connected to earth with a green with yellow stripe conductor minimum size # 12AWG and the connection is to be installed by a qualified service personnel.

Ce produit a une borne de mise à la terre séparé sur le dos de l'appareil, en plus de la borne de mise à la terre de la fiche de raccordement. Cette borne de mise à la terre séparée doit être connecté en permanence à la terre avec un conducteur vert avec la taille bande jaune de minimum # 12 AWG et la connexion doit être installé par un personnel

Caution: Slide/rail mounted equipment is not to be used as a shelf or a work space.

Attention: Un équipment monté sur bâti ne doit pas être utilisé sur une étagère ou dans un espace de travail

#### Regulatory Notices

#### 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 Regula-tions 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 édicte 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.

#### Voluntary Control Council for Interference (VCCI) - Japan

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起 こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されること があります。

#### Product Safety Electrical Appliance & Material (PSE) - Japan

日本では電気用品安全法(PSE)の規定により、同梱している電源コードは本製品の専用電源コードとして利用し、他の製品に使用しないでください。

#### Bureau of Standards Metrology and Inspection (BSMI) - Taiwan

The presence conditions of the restricted substance (BSMI RoHS table) are available at the link below:

限用物質含有情況表 (RoHS Table) 請到以下 網址下載:

https://www.fortinet.com/bsmi

此為甲類資訊技術設備,於居住環境中使用時,可能會造成射類擾動,在此種情況下,使 用者會被要求採取某些適當的對策。

英屬蓋曼群島商防特網股份有限公司台灣分公司 地址:台北市内湖區行愛路176號2樓 電話:(02)27961666

#### China

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#### Agência Nacional de Telecomunicações (ANATEL) - Brazil

Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências."

Para maiores informações, consulte o site da ANATEL www.anatel.gov.br

#### Korea Certification (KC) - Korea

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