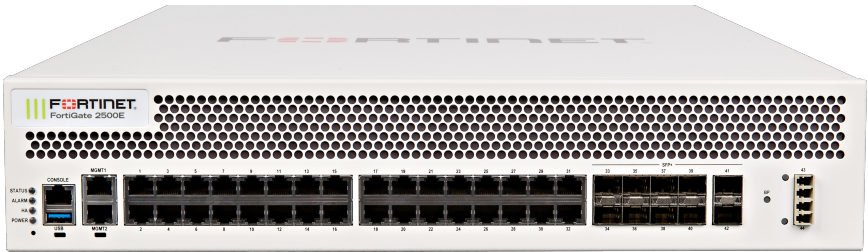


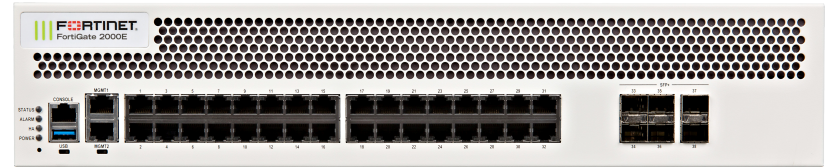
FORTINET®



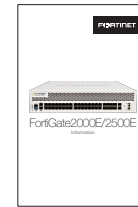
FortiGate 2000E/2500E

Information

Box Includes



FortiGate 2000E/2500E



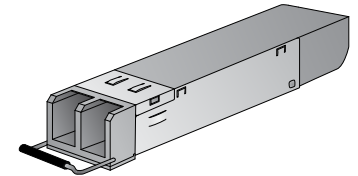
Information Supplement



FortiGate/FortiWiFi QuickStart Guide



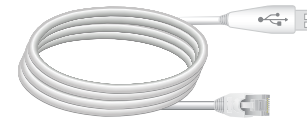
2 Power Cables



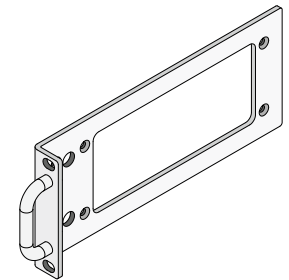
2 SFP+ SR Transceivers



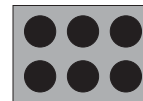
Ethernet Cable



Console Cable



2 Rack-Mount Brackets



6 Rubber Feet



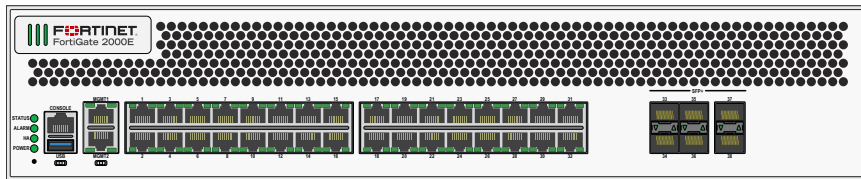
12 Bracket Screws

FortiGate 2000E

FortiGate 2000E

SFP+ Ports 33 to 38 (SFP+)

10Gbps SFP+ ports



Ethernet Ports 1 - 32 (RJ-45)

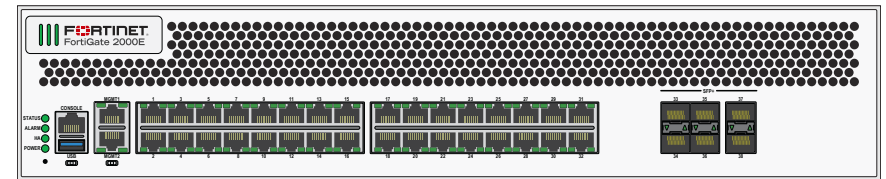
Gigabit Ethernet network connections

- MGMT Ports (RJ-45)**
 - Client ports for management
 - Default IP address of MGMT 1 is 192.168.1.99

- Console (RJ-45)**
 - Optional connection to the management computer
 - Provides access to the CLI
- USB (USB A)**
 - USB 3.0 port

SFP+ Ports

- Logo**
 - Green: The unit is on
 - Off: The unit is off
- SFP+ Ports**
 - Green: Connected
 - ⚙️ Flashing Green: Transmitting & receiving data
 - Off: No link established



Ethernet Ports Link/Activity

- Green: Connected
- ⚙️ 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

Status

- Green: Normal
 - ⚙️ Flashing Green: Booting up
 - Red: The unit has a major alarms
- 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: Not in an HA cluster

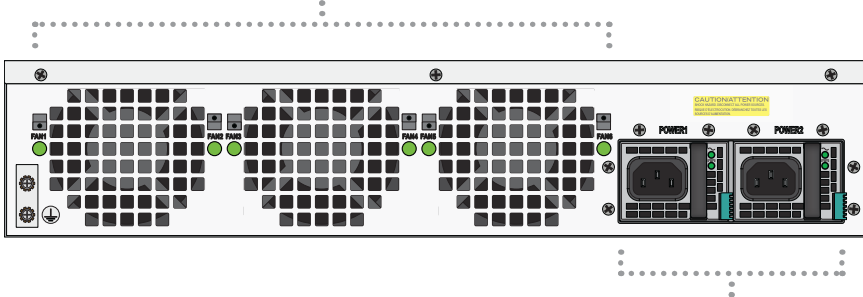
Power

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

FortiGate 2000E/2500E

Fans

- Green: Fan speed within normal range
- Off: Fan speed not within normal range

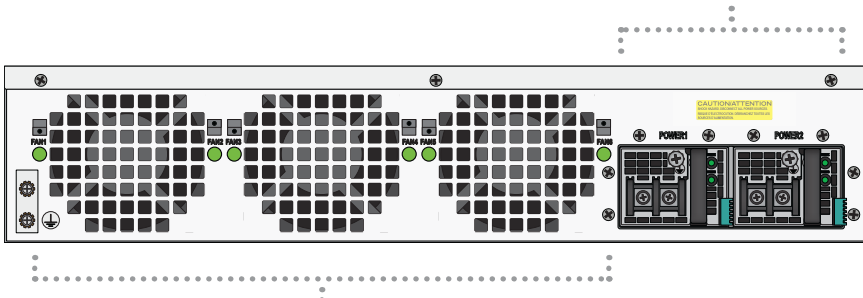


Input

- Green: Input voltage within normal range
- Flashing Green: Over or under voltage warning
- Off: No voltage or fault

Output

- Green: Output voltage normal
- Flashing Green: Standby mode
- Flashing Amber: Warning
- Amber: Fault



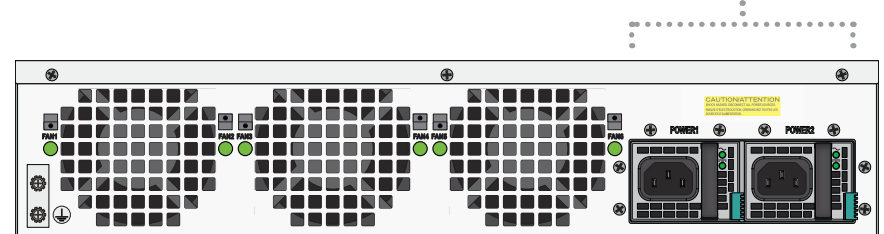
Fans

- Green: Fan speed within normal range
- Off: Fan speed not within normal range

FortiGate 2000E/2500E

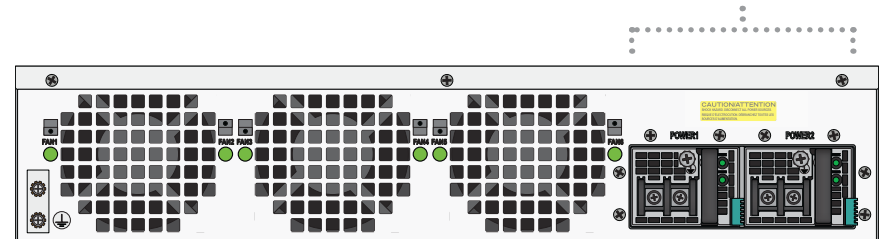
AC Power (AC models only)

100-240V AC, 50-60Hz, 9A
Redundant power supplies



DC Power (DC models only)

-48V DC, 16.5A max
Redundant power supplies

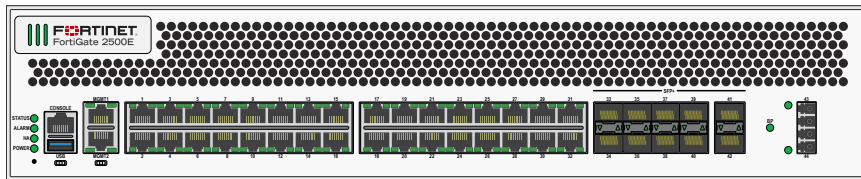


FortiGate 2500E

FortiGate 2500E

SFP+ Ports 33 to 42 (SFP+)

10Gbps SFP+ ports



Ethernet Ports 1 - 32 (RJ-45)

Gigabit Ethernet network connections

MGMT Ports (RJ-45)
 Client ports for management
 Default IP address of MGMT 1 is 192.168.1.99

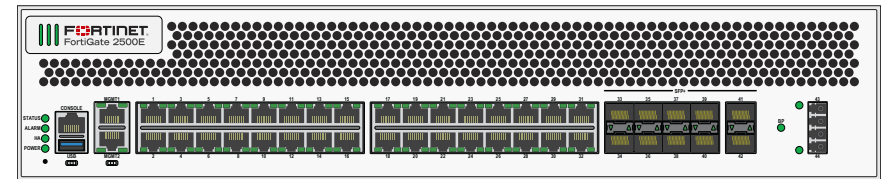
Console (RJ-45)
 Optional connection to the management computer
 Provides access to the CLI

USB (USB A)
 USB 3.0 port

Bypass Ports 43 & 44 (LC)
 10Gbps Fiber bypass pair

SFP+ Ports

- Logo**
- Green: The unit is on
 - Off: The unit is off
- SFP+ Ports**
- Green: Connected
 - Flashing Green: Transmitting & receiving data
 - Off: No link established



- Ethernet Ports Link/Activity**
- Green: Connected
 - 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

- Status**
- Green: Normal
 - Flashing Green: Booting up
 - Red: The unit has a major alarm
- 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: Not in an HA cluster

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

- Bypass Status**
- Green: Inline mode
 - Amber: Bypass mode

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 (T_{max}) 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 (T_{max}) stipuée 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 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.

Surtenstion - 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).

Référez 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.

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 remplacé par un type incorrect. Ne jetez pas les batteries au feu. Ils peuvent exploser. Jetez les plies usagées conformément aux réglementations locales. **IMPORTANT:** Suisse: l'annexe 4.10 de SR814.013 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: 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 qui est prévue à l'arrière du produit, à côté s'ajoute la mise à la terre de la prise.

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 # 14 AWG 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 # 14 AWG et la connexion doit être installé par un personnel qualifié.

Caution: Slide/rail mounted equipment is not to be used as a shelf or a work space. **Attention:** Un équipement monté sur bâti ne doit pas être utilisé sur une étagère ou dans un espace de travail.

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 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.



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。

Voluntary Control Council for Interference (VCCI) – Japan

この装置は、クラスA情報技術装置です。 この装置を 家庭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。
V C C I - A

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

China

此為A級產品，在生活環境中，該產品可能會造成無線電干擾。這種情況下，可能需要用戶對其採取切实可行的措施。

Korea Certification (KC) – Korea

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Fortinet provides this limited warranty for its product only to the single end-user person or entity that originally purchased the Product from Fortinet or its authorized reseller or distributor and paid for such Product. The warranty is only valid for Products which are properly registered on Fortinet's Support Website, https://support.fortinet.com, or such other website as provided by Fortinet, or for which the warranty otherwise starts according to Fortinet's policies. The warranty periods discussed below shall start according to Fortinet's policies posted at http://www.fortinet.com/aboutus/legal.html or such other website as provided by Fortinet. It is the Fortinet distributor's and reseller's responsibility to make clear to the end user the date the product was originally shipped from Fortinet, and it is the end user's responsibility to understand the original ship date from the party from which the end user purchased the product. All warranty claims must be submitted in writing to Fortinet before the expiration of the warranty term or such claims are waived in full. Fortinet provides no warranty for any beta, donation or evaluation Products, for any spare parts not purchased directly from Fortinet by the end-user, for any accessories, or for any stand-alone software. Fortinet warrants that the hardware portion of the Products, including spare parts unless noted otherwise ("Hardware") will be free from material defects in workmanship as compared to the functional specifications for the period set forth as follows and applicable to the Product type ("Hardware Warranty Period"): a three hundred sixty-five (365) day limited warranty for the Hardware excluding spare parts, power supplies, and accessories (provided, solely with respect to FortiAP and Meru AP indoor Wi-Fi access point Hardware appliance products and FortiSwitch Hardware appliance products other than the FortiSwitch-5000 series (for both excluding spare parts, power supplies, and accessories), the warranty herein shall last from the start of the warranty period as discussed above until five (5) years following the product announced end-of-life date), and, for spare parts, power supplies, and accessories, solely a ninety (90) days limited warranty. 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