

# QuickStart Guide

FortiEdge™ 200F

# Product Registration

Thank you for purchasing a FortiEdge.

Register to access:

- Cloud Management
- FortiGuard Updates
- Firmware Upgrades
- Technical Support
- Warranty Coverage

Please register your FortiEdge:

Vous devez enregistrer le produit:

Debe registrar el producto:

登録のお願い:

请马上注册:

<http://support.fortinet.com>



May 4, 2022

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# Table of Contents

## Product Series

FortiEdge 200F .....	8
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## Installation

Rack Installation .....	12
Desktop Installation .....	13
Basic Connections .....	14
SFP Installation.....	15

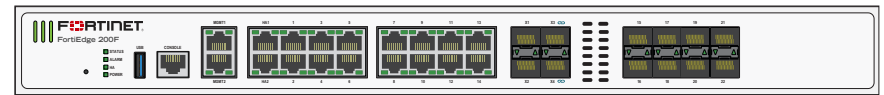
## Setup

Appliance Setup .....	16
GUI .....	17
Command Line Interface (CLI) .....	18

## Compliance

Regulatory Compliance Information.....	20
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# Box Includes



FortiEdge 200F



QuickStart Guide



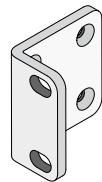
2x AC Power Cables



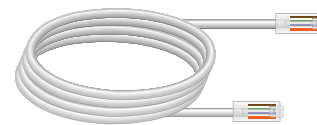
8x Bracket Screws



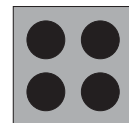
1x Console Cable (USB to RJ45)



2x Mounting Brackets

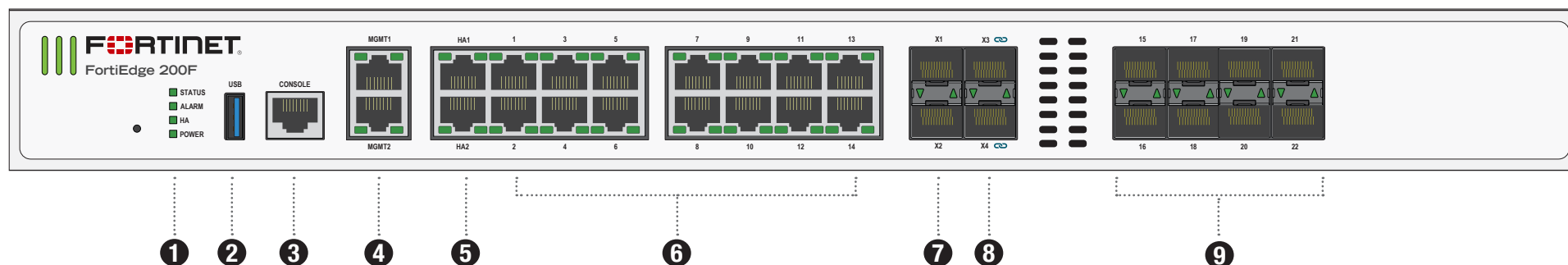


1x Ethernet Cable



4x Rubber Feet

# Front Panel - LED Guide



## 1 LED Indicators

### STATUS

- **Green:** Operating normally
- **Flashing Green:** Booting up
- **Red:** Major alarm

### ALARM

- **Red:** Major alarm
- **Amber:** Minor alarm
- **Off:** No alarms

### HA

- **Green:** Operating in an HA cluster
- **Red:** HA failover
- **Off:** HA disabled

### POWER

- **Green:** The unit is on
- **Red:** Unit is on; only one supply is providing power
- **Off:** The unit is off

## 2 USB (USB A) USB 3.0 server port

## 3 CONSOLE (RJ45) port for serial port management

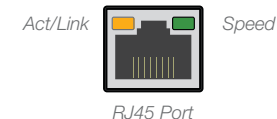
## 4 Management Ports (RJ45) GE device management port

MGMT1 default IP is 192.168.1.99  
MGMT2 default IP is 192.168.2.99

## 5 HA1 and HA2 (RJ45) GE high availability ports

## 6 Ports 1 to 14 (RJ45) GE network connections

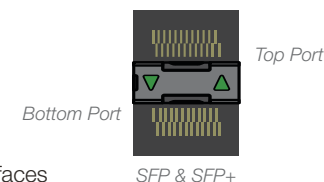
- **Green:** Connected at 1000Mbps
- **Amber:** Connected at 100Mbps
- **Off:** Connected at 10Mbps or not in use



- **Green:** Connected
- **Flashing Green:** Data activity
- **Off:** No link established

## 7 Ports X1 to X2 (SFP+) 10GE network connections

- **Green:** Connected at 10Gbps or 1Gbps
- **Flashing Green:** Data activity
- **Off:** No link established



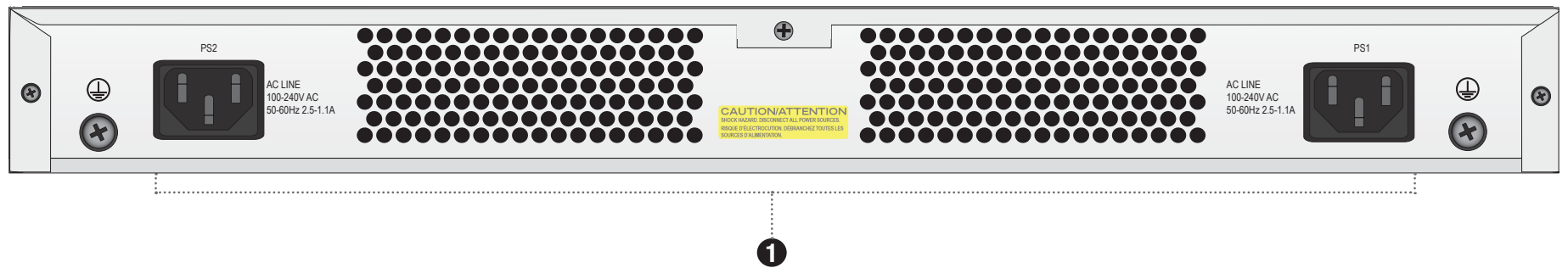
## 8 Ports X3 to X4 (SFP+) 10GE FortLink interfaces

- **Green:** Connected at 10Gbps or 1Gbps
- **Flashing Green:** Data activity
- **Off:** No link established

## 9 Ports 15 to 22 (SFP) GE network connections

- **Green:** Connected at 1Gbps
- **Flashing Green:** Data activity
- **Off:** No link established

## Rear Panel

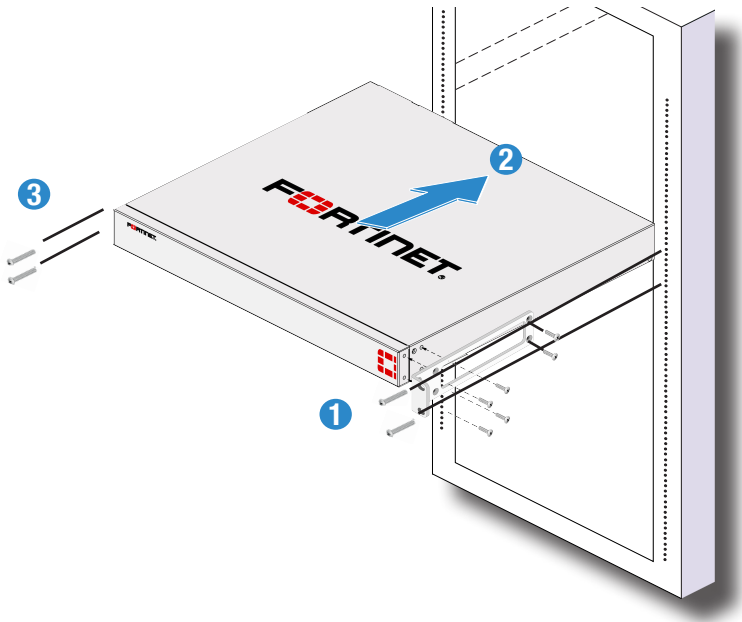


- 1 AC Power Supplies (x2) redundant hot swappable  
100V to 240V AC, 50/60 Hz, 2.5-1.1A

## Rack Installation

This device mounts in a standard 19-inch rack.

1. [Attach](#) the provided rack-mount [brackets and screws](#)
2. [Position](#) the device and [slide into the rack](#)
3. [Fasten](#) rack screws to [secure the device](#)



**Note:** The length of the rack kit brackets may vary in size, depending on the device purchased

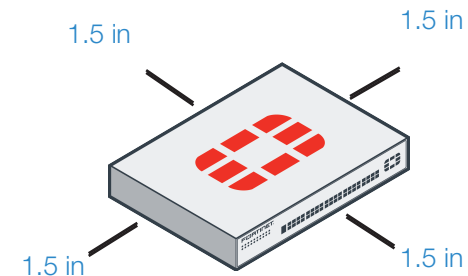
**Caution:** Allow at least 1.5 inches of space above and below the device

**Warning:** For safety, we recommend that two people install the device

## Desktop Installation

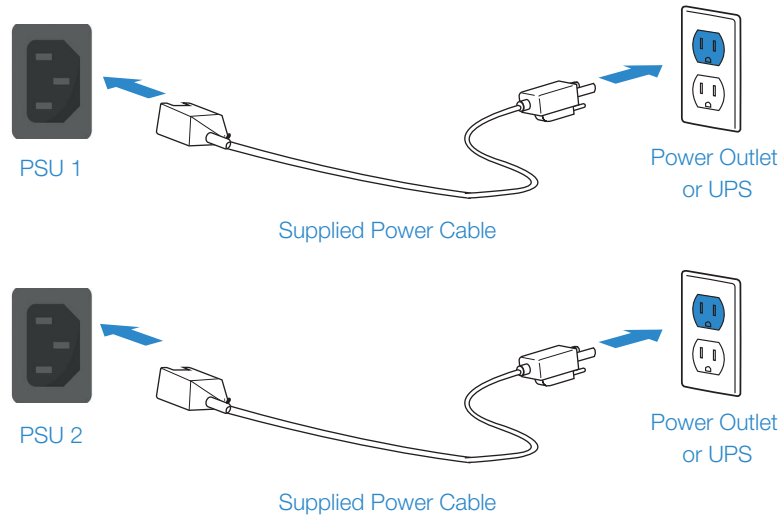
You can install this device as a desktop unit.

1. [Place](#) the unit on a flat, clean, and [stable surface](#)
2. [Ensure](#) there is at least [1.5 inches of clearance](#) for adequate air flow



3. [Plug in](#) the provided [power cables](#) into the rear of the unit and then into a grounded electrical outlet or separate power source

## Basic Connections



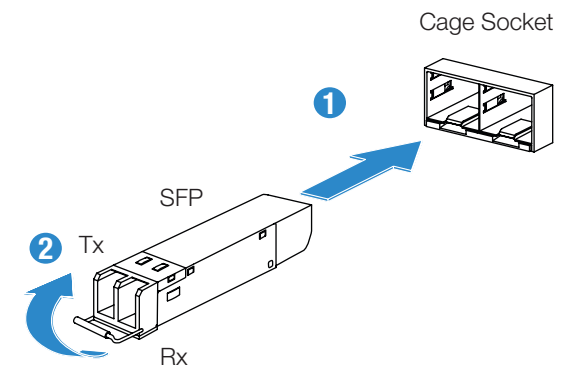
Plug in your device to a [power outlet](#) using the provided [power cables](#).

**Note:** We recommend connecting your FortiEdge to an [uninterruptible power supply \(UPS\)](#) in case of a power outage

## SFP Installation

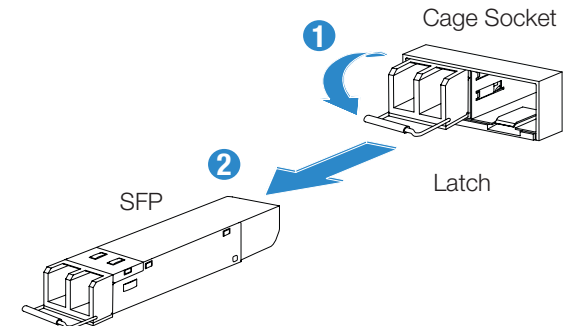
To install an SFP transceiver:

1. Slide the SFP into the cage socket until it [clicks into place](#)
2. Lift the latch to [lock the SFP](#)



To remove an SFP transceiver:

1. Lower the latch to [unlock the SFP](#)
2. Carefully [pull the SFP out](#) of the cage socket



**Note:** Some models may not include any [SFP transceivers](#). To purchase SFPs, refer to the product datasheet



# Device Setup

Set up your device locally or on the cloud by choosing one of the following options.



Local Setup

## GUI

Connect locally using a web-browser

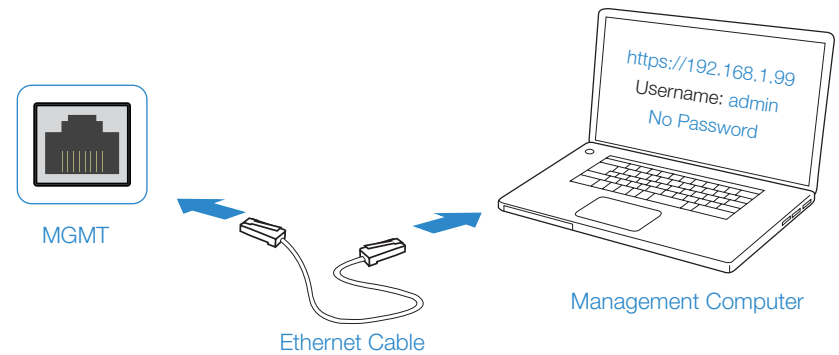


Local Setup

## CLI

Connect locally using a direct console connection

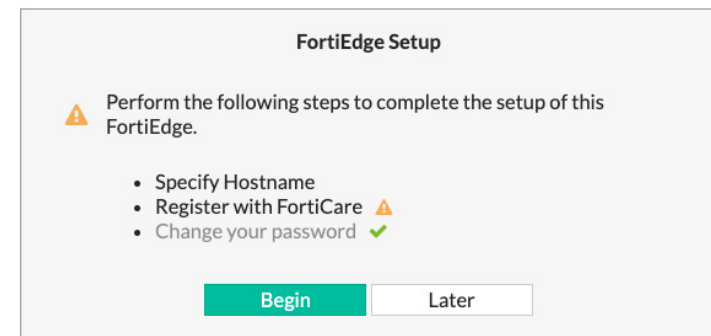
## GUI



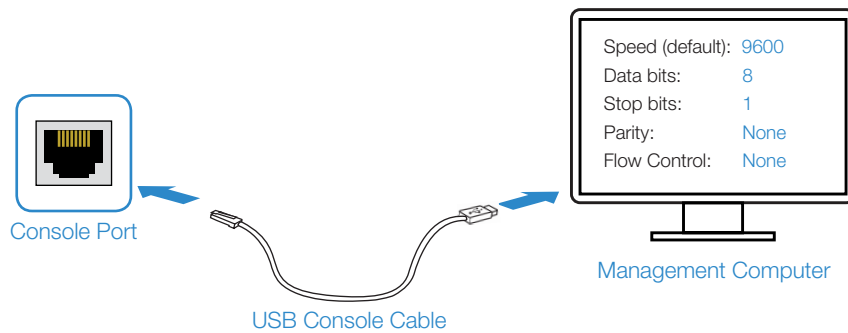
1. Connect **MGMT** to the **Management Computer** using the supplied **Ethernet cable**
2. Enable **DHCP** or set the Management Computer's **IP** and **subnet** to:

**Static IP Address:** 192.168.1.1  
**Subnet Mask:** 255.255.255.0

3. Visit <https://192.168.1.99> in a web browser
4. Log in with username **admin** and leave the **password blank**
5. You will be prompted to create a **new password**, leave the Old Password blank
6. Log with username **admin** and your **new password**
7. Click **Begin** to complete your **FortiEdge setup** or **Later** to access **FortiOS**



## CLI



1. Connect the **Console Port** with a **console cable** to the **Management Computer**
2. Start a **terminal emulation program** on the **Management Computer** and select an available **COM Port** using the following default settings:

**Baud rate:** 9600  
**Data bits:** 8  
**Parity:** None  
**Stop bits:** 1  
**Flow control:** None

4. Press **Enter** on your keyboard to connect to the CLI
5. Log in using username **admin** and **no password**
6. You will be prompted to create a **new password**, leave the Old Password blank
7. Log with username **admin** and your **new password**
8. Enter CLI commands to configure your appliance

**Note:** For detailed CLI instructions, visit [support.fortinet.com](https://support.fortinet.com)

## 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 (T<sub>ma</sub>) 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<sub>ma</sub>) 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 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 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

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 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 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:  
There is a danger of explosion if a battery is incorrect replaced. Replace only with the same or equivalent type.  
Dispose batteries of according to the manufacturer's instructions.  
Disposing a battery into fire, a hot oven, mechanically crushing, or cutting it can result in an explosion.  
Leaving a battery in an extremely hot environment can result in leakage of flammable liquid, gas, or an explosion.  
If a battery is subjected to extremely low air pressure, it may result in leakage of flammable liquid, gas, or an explosion.

WARNUNG:  
Lithium-Batterie Achtung: Explosionsgefahr bei fehlerhafter Batteriewechsel. Ersetzen Sie nur den gleichen oder gleichwertigen Typ. Batterien gemäß den Anweisungen des Herstellers entsorgen.

Beseitigung einer BATTERIE in Feuer oder einen heißen Ofen oder mechanisches Zerkleinern oder Schneiden einer BATTERIE, die zu einer EXPLOSION führen kann

Verlassen einer BATTERIE in einer extrem hohen Umgebungstemperatur, die zu einer EXPLOSION oder zum Austreten von brennbarer Flüssigkeit oder Gas führen kann

Eine BATTERIE, die einem extrem niedrigen Luftdruck ausgesetzt ist, der zu einer EXPLOSION oder zum Austreten von brennbarer Flüssigkeit oder Gas führen kann.

CAUTION: Shock Hazard. Disconnect all power sources.  
ATTENTION: Risque d'électrocution. Débranchez toutes les sources d'alimentation.

Laser Class 1 optical transceiver shall be used only  
L'émetteur-récepteur optique de classe 1 laser doit être utilisé uniquement

Caution: Allow at least 1.5 inches of space above and below the device.  
Attention : laissez au moins 1,5 pouce d'espace au-dessus et au-dessous de l'appareil.

Warning: For safety, we recommend that two people install the device.  
Avertissement : Pour des raisons de sécurité, nous recommandons que deux personnes installent l'appareil.

This equipment is not suitable for use in locations where children are likely to be present  
Cet équipement n'est pas adapté à une utilisation dans des endroits où des enfants sont susceptibles d'être présents

IEC 60825-1:2014 transfert à la FDA/CDRH Conforme aux normes de performance de la FDA pour les produits laser, à l'exception de la conformité à la norme IEC 60825-1 Ed.3., comme décrit dans l'avis laser n° 56, daté du 8 mai 2019.

The SFP ports should use UL Listed Optional Transceiver product, Rated 3.3Vdc, Laser Class 1.  
Les ports SFP doivent utiliser un produit émetteur-récepteur en option répertorié UL, 3,3 Vdc, classe laser 1.

## 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-003 (A) / NMB-003 (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.



### 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。

VCCI-A

### 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>

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

請仔細閱讀以下說明  
本設備勿置於潮濕處。  
連接至電源前，請先檢查電壓。  
當設備不用時，請將所有電源線拔除，避免電壓不穩而造成傷害。  
勿將任何液體灑入設備中，避免線路短路。  
基於安全理由，只有受到專業訓練的從業人員，才可以打開本設備。  
請勿自行調整或修理已通電的設備，以確保您的安全。  
如不小心受傷，請立刻找急救人員給予您適當的救護，千萬別因傷勢輕微而忽略自己的傷勢。

請依照台灣法規處置電池。  
若不正確替換電池可能導致爆炸危險，替換電池時，請使用設備生產商推薦使用的電池。  
請勿拆卸、刺穿或以其他方式損壞電池。

雷射設備非用戶維修設備，請與生產商聯繫維修事宜。

注意：要斷開電源，請將所有電源線從本機上拔下

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

### China

此为A级产品，在生活环境种，该产品可能会造成无线电干扰。这种情况下，可能需要用户对其采取切实可行的措施。

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- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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