

QuickStart Guide

FortiGate 400G Series

FG-400G, FG-401G

FG-400G-DC, FG-401G-DC

The Essentials

Secure your Network

Register at <https://support.fortinet.com> for the latest threat protection updates

GUI

- 1 Connect the MGMT port to an Ethernet port or USB-RJ45 adapter on your computer using the provided Ethernet cable
- 2 Configure your computer with static IP 192.168.1.24
- 3 Open a browser to <https://192.168.1.99>

CLI

- 1 Connect a console cable to the Console Port
- 2 Open a Terminal app using 9600-8-N-1

Default Login



<https://192.168.1.99>

Username: *admin*

Password: leave blank

MGMT IP: 192.168.1.99

Fortinet Documents Library

For getting started documentation, admin guides, up-to-date hardware manuals and reference resources, visit <https://docs.fortinet.com/>

FortiGate Cloud

Experience simplified cloud provisioning, security analytics, remote access, hosted log retention and reporting at <https://fortigate.forticloud.com>

Package Contents

FortiGate 400G Series

FG-400G, FG-401G, FG-400G-DC, FG-401G-DC



1x FortiGate Device



1x QuickStart Guide



2x AC Power Cables
(AC models only)



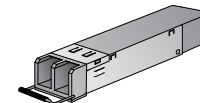
1x Ethernet Cable



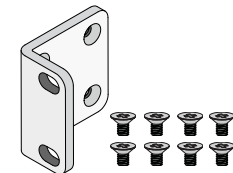
1x Console Cable



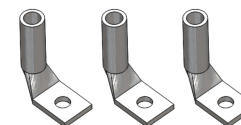
4x Rubber feet



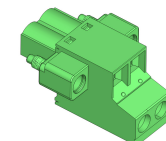
2x SFP SX Transceivers



2x Mounting Brackets,
8x Rack mount screws



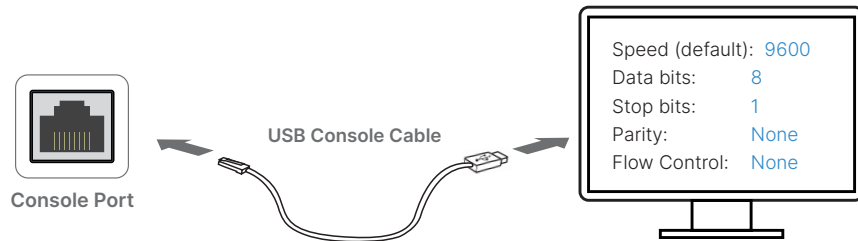
3x Grounding Lugs
(DC models only)



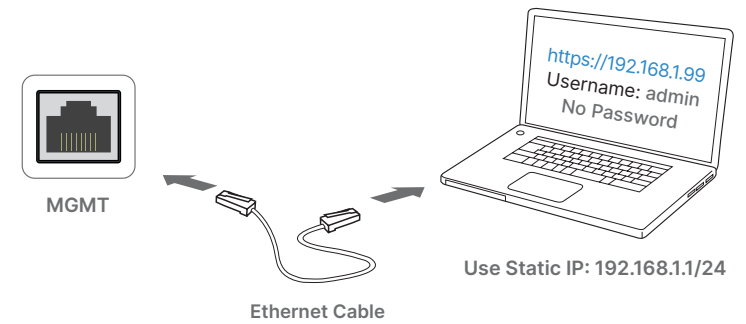
4x Input Terminal Block
(DC models only)

Setup

CLI

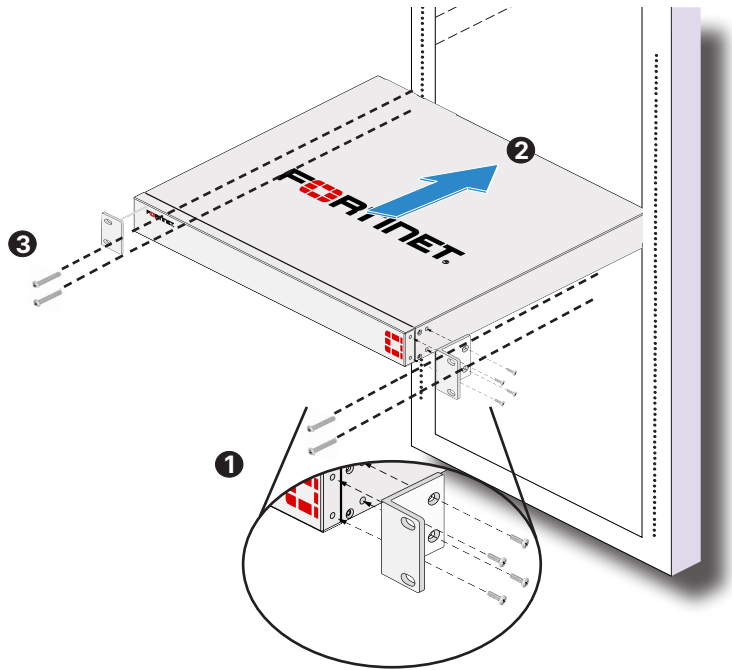


GUI



Installation

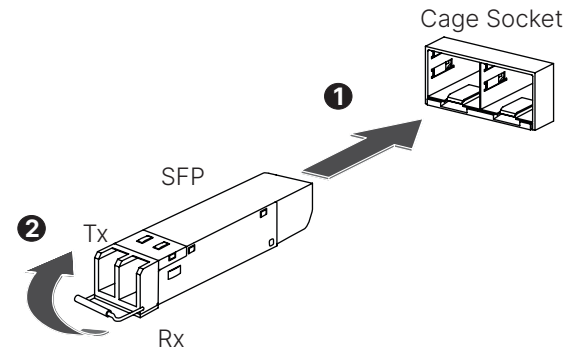
Caution: To avoid personal injury or damage to the device, it is recommended that two or more people mount the device on a rack.



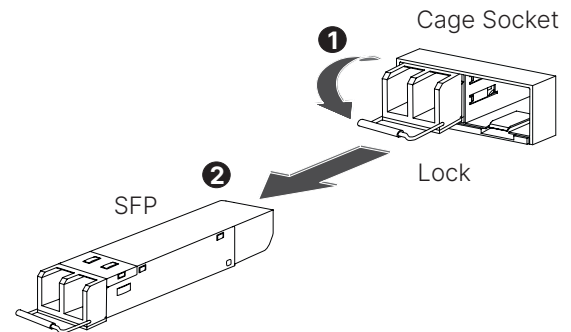
Note: The recommended clearance is 1.5 inches above and below the device.

SFP Modules

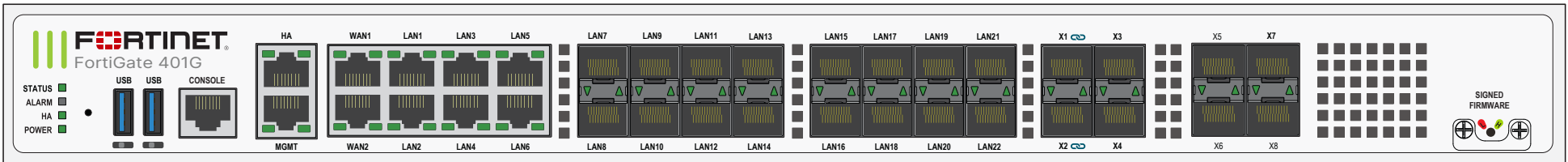
Insertion



Removal



FG-400G Series Front



1 STATUS

- **Green:** Operating normally
- **Flashing Green:** Booting up
- **Red:** Major alarm detected
- **Off:** Device is off

ALARM

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

2 USB 3.0 Port (USB-A) x2

3 CONSOLE Port (RJ-45)

4 HA Port (RJ-45) 2.5/1 Gbps High Availability port

MGMT Port (RJ-45) 1GE Management port

HA and MGMT LINK/ACT (Left LED)

- **Green:** Connected
- **Flashing Green:** Data activity
- **Off:** Not connected

HA

- **Green:** HA enabled (normal)
- **Red:** HA enabled (failover)
- **Off:** HA disabled

POWER

- **Green:** Device is on
- **Flashing Green:** Checking PFR
- **Red Flashing:** Power error
- **Off:** Device is off

HA SPEED (Right LED)

- **Green:** 2.5 Gbps
- **Amber:** 1000/100 Mbps
- **Off:** 10 Mbps or not connected

MGMT SPEED (Right LED)

- **Green:** 1 Gbps
- **Amber:** 100 Mbps
- **Off:** 10 Mbps or not connected

5 WAN1, WAN2, LAN1 to LAN6 5G (RJ-45)

LINK/ACT (Left LED)

- **Green:** Connected
- **Flashing Green:** Data activity
- **Off:** Not connected

SPEED (Right LED)

- **Green:** 5Gbps
- **Amber:** 2.5Gbps/1Gbps/100Mbps
- **Off:** Not connected

6 LAN7 to LAN22 (SFP 1G)

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

7 Ports X1 to X4 with FortiLink Ports X1 and X2 (SFP+ 10G)

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

8 X5 to X8 (SFP28 25G / SFP+ 10G)

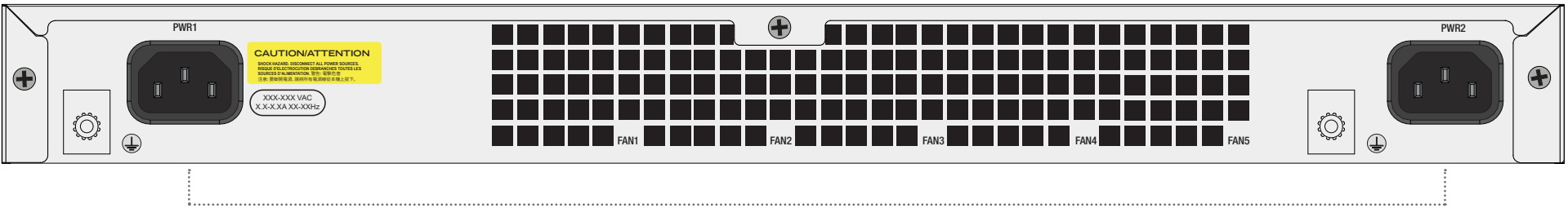
- **Green:** Link established
- **Flashing Green:** Data activity
- **Off:** No link established

9 Signed Firmware BIOS Security Level

Controlled by Signed Firmware Switch, see Admin Guide at <https://docs.fortinet.com>

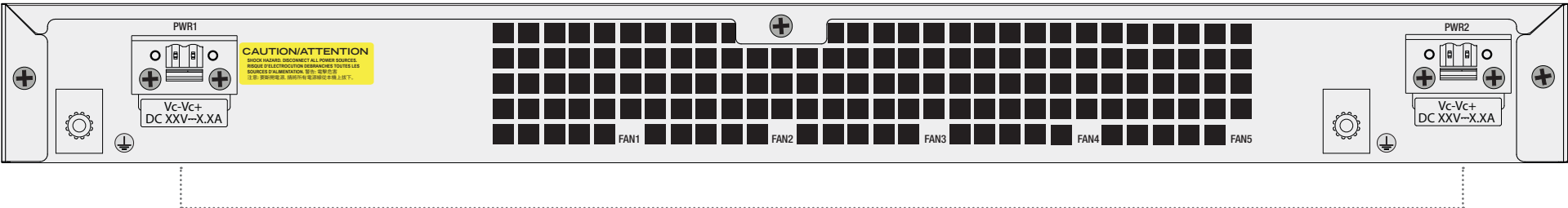
- **High:** Unsigned firmware blocked (default)
- **Low:** Unsigned firmware allowed with a warning

FG-400G Series Rear Panel



- 1 AC Power Supplies (x2)** 100V to 240V AC, 50-60Hz, 5A Max
1+1 Redundant power supplies

FG-400G-DC Series Rear Panel



- 1 DC Power Supplies (x2)** 6A@58V Max
1+1 Redundant power supplies

DC Models Only (FG-400G-DC and FG-401G-DC)
This product is only intended for installation and use in a Restricted Access Location. The DC power cables are intended to be used only for in-rack wiring, must be routed away from sharp edges, and must be adequately fixed to prevent excessive strain on the wires and terminals. **For DC Cables Installation, please follow the requirements in Cautions and Warnings.**

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'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.
Sur tension - 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: 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 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: 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 prévu à l'arrière du produit, à ceci 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 # 6 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 # 6 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.

Warning: Stability hazard.
Attention: Risque de stabilité.

The rack may tip over causing serious personal injury.
Le rack peut basculer et provoquer des blessures graves.

Before extending the rack to the installation position, read the installation instructions.
Avant d'étendre le rack jusqu'à la position d'installation, lisez les instructions d'installation.

Do not put any load on the slide-rail mounted equipment in the installation position.
N'exercez aucune charge sur l'équipement monté sur rail coulissant en position d'installation.

Do not leave the slide-rail mounted equipment in the installation position.
Ne laissez pas l'équipement monté sur rail en position d'installation.

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

IEC 60825-1:2014 transfer to FDA/CDRH Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3., as described in Laser Notice No. 56, dated May 8, 2019.
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.

Warning: Class I Equipment. This equipment must be earthed. The power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltage on accessible metal parts.
Avertissement: Équipement de classe I. Cet équipement doit être mis à la terre. La fiche d'alimentation doit être connectée à une prise de terre correctement câblée. Une prise de courant mal câblée pourrait placer une tension dangereuse sur les pièces métalliques accessibles.

Warning: All Ethernet cables are designed for intra-building connection to other equipment. Do not connect these ports directly to communication wiring or other wiring that exits the building where the appliance is located.
Avertissement: Tous les câbles Ethernet sont conçus pour une connexion intra-bâtiment à d'autres équipements. Ne connectez pas ces ports directement au câblage de communication ou à tout autre câblage qui sort du bâtiment où se trouve l'appareil.
The wiring for the input terminal block must be installed by a skilled person.
• Wire type: Cu
• Only use 28-12 AWG wire size and a torque value of 4.5 Lb In.

Le câblage pour le bloc de jonction doit être installé par une personne qualifiée.
• Type de fil: Cu
• Utiliser uniquement un fil de calibre 28-12 AWG et un couple de serrage de 4.5 lb po

Regulatory Notices

Federal Communication Commission (FCC) – USA

This device complies with Part 15 of the 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.

Innovation, Science and Economic Development (ISED) – 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.



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。

V C C I —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

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： 為避免電磁干擾，本產品不應安裝或使用於住宅環境。

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。
勿將任何液體濺入設備中，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

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Agência Nacional de Telecomunicações (ANATEL) – Brazil

CISPR22
Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferências.



June 3, 2026

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