QuickStart Guide

FortiGate 100F Series

Before you begin

Register your device to access FortiGuard updates, cloud management, firmware upgrades, technical support, and warranty coverage.

http://support.fortinet.com

Package Contents

FortiGate 100F Series
FG-100F, FG-101F

FortiGate Appliance	QuickStart Guide	2x AC Power Cables	1x Ethernet Cable
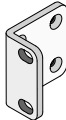
2x Rack mount brackets	8x Rack mount screws	4x Rubber feet

The Essentials

Default Logins

https://192.168.1.99
Username: *admin*
Password**: leave blank**

Admin Guide

For a detailed Getting Started guide, setup and configuration information, refer to the Admin Guide on https://docs.fortinet.com/

Customer Service

For contracts, licensing, product registration and account management, contact FortiCare Support at https://www.fortinet.com/support/contact

Self-service Resources

Access our knowledge base, forums, videos and technical experts at https://www.fortinet.com/support/support-services/forticare-support

Thank you for choosing Fortinet

Setup

Unpack the box, power the device, plug the Ethernet cable from a WAN port to the Internet and choose one of the following setup options:

GUI

❶

❷

❸ https://192.168.1.99
Username: admin
No Password

MGMT

Ethernet Cable

Management Computer
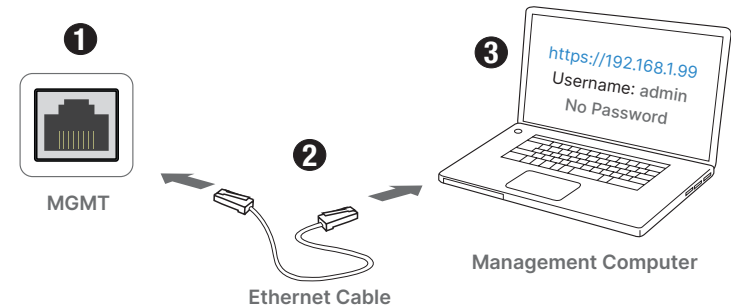
Note: For static IP configuration, use 192.168.1.1 with subnet mask 255.255.255.0

CLI

❶

❷ **USB Console Cable** *(available for purchase)*

❸
Speed (default):	9600
Data bits:	8
Stop bits:	1
Parity:	None
Flow Control:	None

Console Port
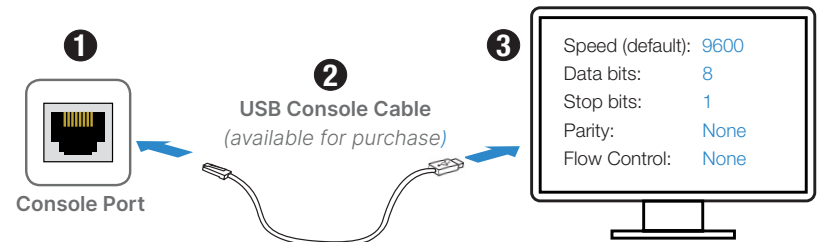
Note: For a detailed CLI guide, visit docs.fortinet.com

FortiGate Cloud Key   (Connect WAN1 or WAN2 to the Internet)

❶ Go to forticloud.com and login with your **FortiCloud Credentials** or **Register**

❷ Follow the on-screen instructions, then click **Add FortiGate**

❸ Enter the **FortiGate Cloud Key** located on the sticker of your device

Desktop Mount

1.5in   1.5in

1.5in   1.5in
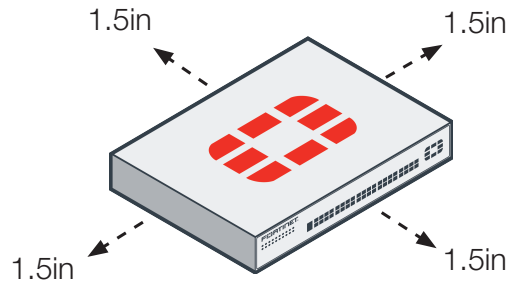
Note: Place the device on a flat, clean and stable surface.

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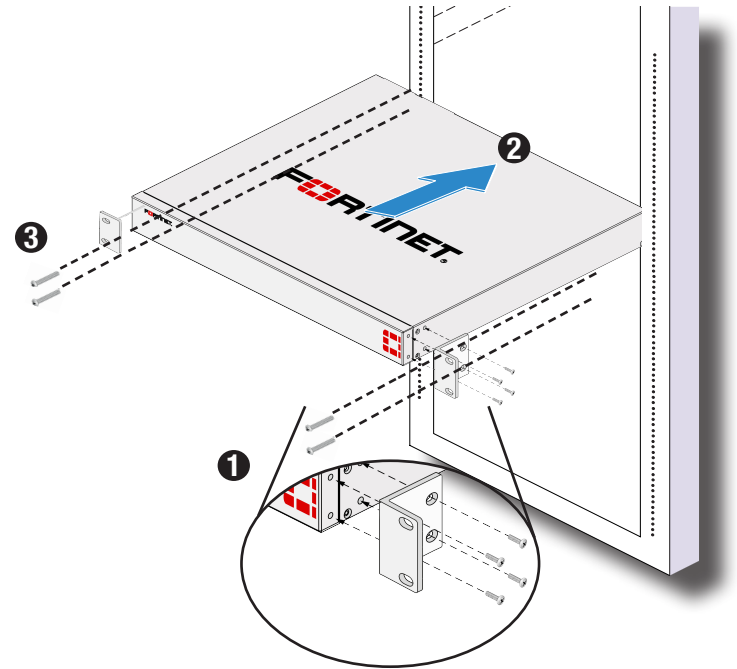
Note: The recommended clearance is 1.5 inches above and below the device.

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

Front/Rear - FG 100F Series
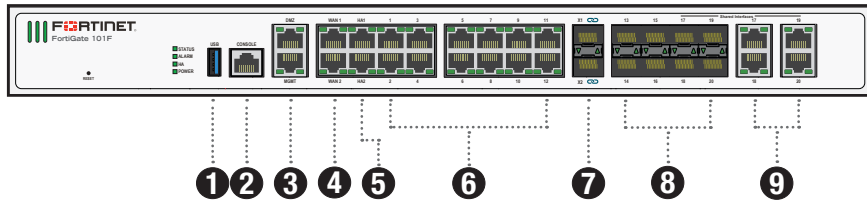
① **USB (USB A)** USB 3.0 server port

② **Console (RJ-45)** CLI command line interface

③ **MGMT (RJ-45)** 1GE Management port, IP 192.168.1.99

   DMZ (RJ-45) 1GE DMZ port

④ **WAN 1 & 2 (RJ-45)** 1GE WAN ports

⑤ **HA1 & HA2 (RJ-45)** 1GE High availability ports

⑥ **Ethernet Ports 1 to 12 (RJ-45)** 1GE Ethernet ports

⑦ **FortiLink X1 & X2 (SFP+)** FortiLink 10Gbps auto-discovery ports

⑧ **SFP Ports 13 to 20 (SFP)** 1Gbps SFP slots
(ports 17 to 20 are shared Ethernet ports)

⑨ **Ethernet Ports 17 to 20 (RJ-45)** 1GE Ethernet ports
(ports 17 to 20 are shared SFP ports)

PSU2   *PSU1*
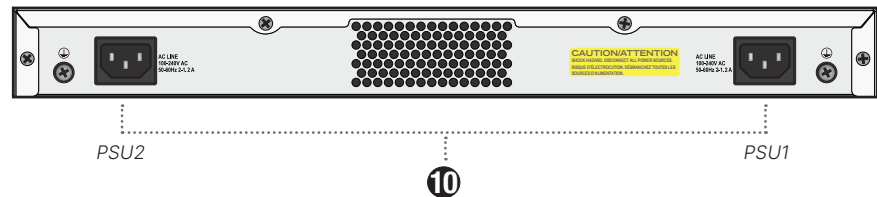
⑩ **Redundant Power Supplies** 100 - 240V AC, 2-1.2A, 50/60Hz

LED Guide - FG-100F Series
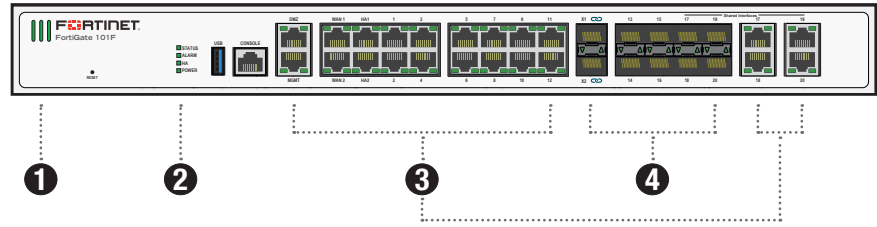
① **LOGO**
- 🟩 **Green**: Device is on
- ⬛ **Off**: Device is off

② **STATUS**
- 🟩 **Green**: Operating normally
- ✳️ **Flashing Green**: Booting up

ALARM
- 🟥 **Red**: Major alarm
- ✳️ **Amber**: Minor alarm
- ⬛ **Off**: No alarm

HA
- 🟩 **Green**: Operating in an HA cluster
- ⬛ **Off**: Not operating in an HA cluster

POWER
- 🟩 **Green**: At least one PSU providing power
- ⬛ **Off**: No power detected

③ **PORT LINK/ACT**
- 🟩 **Green**: Link established
- ✳️ **Flashing Green**: Data activity 1000/100/10 Mbps
- ⬛ **Off**: No link established

④ **SFP & SFP+**
- 🟩 **Green**: Link established
- ✳️ **Flashing Green**: Transmitting and receiving data
- ⬛ **Off**: No link established

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

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 communi-cations. 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 Regula¬tions of the Canadi-an 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.

$$C \, \epsilon$$

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

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。

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China

此为A级产品，在生活环境中，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。

Korea Certification (KC) – Korea

A급 기기 (업무용 방송통신기자재)
이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기를 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

For FG-100F and FG-101F
Agência Nacional de Telecomunicações (ANATEL) – Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL www.gov.br/anatel/pt-br/

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