

QuickStart Guide

FortiGate\FortiWiFi 80F Series

FG-80F, FG-81F, FWF-80-2R, FWF-81F-2R, FWF-81F-2R-POE

Product Registration

Thank you for purchasing a FortiGate.

Register to access:

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

Please register your FortiGate:

Vous devez enregistrer le produit:

Debe registrar el producto:

登録のお願い:

请马上注册:

<http://support.fortinet.com>



March 16, 2021

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Table of Contents

Product Series

FortiGate 80F Series.....	6
FortiWiFi 81F-2R Series	10
FortiWiFi 81F-2R-POE	14

Installation

Basic Connections	18
Wall Mount Option.....	19
Desktop Option	20
Rack/Rail Mount Option.....	21
SFP Installation.....	22

Setup

Setup Options.....	23
GUI	24
FortiGate Cloud	26
FortiExplorer	27
Command Line Interface (CLI)	28
Resources.....	29

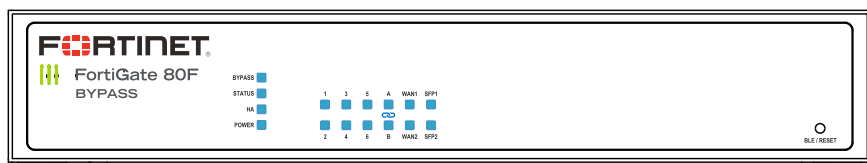
Licensing & Services

Free Licences & Services.....	30
FortiCare Subscriptions	32
Bundled Services with FortiCare	34

About Fortinet

Fortinet Security Fabric.....	36
FortiGate Security Fabric Integration	38
Solution Spotlight: Secure SD-WAN.....	40
Fortinet Security Processors	42
Corporate Overview	44
Regulatory Compliance Information.....	46

Box Includes - FG 80F Series



FortiGate 80F/81F/Bypass



QuickStart Guide



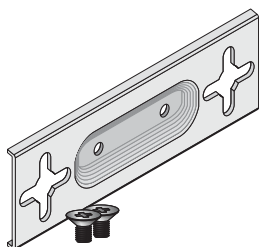
Power Cable



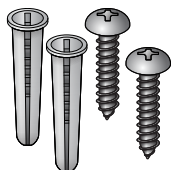
12V DC Power Adapter



Ethernet Cable

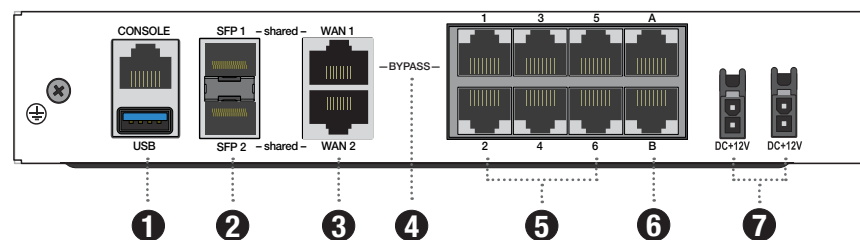


Wall Mount Kit
(Not included, sold separately)



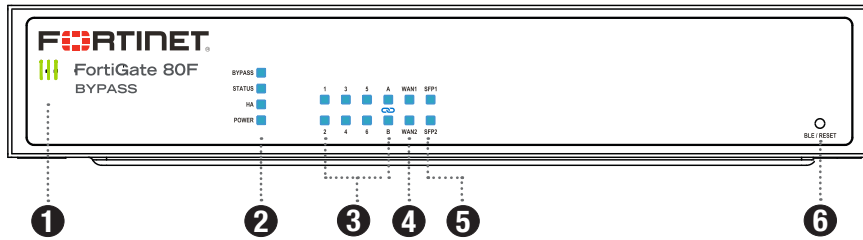
Wall Mount Hardware
(Not included, sold separately)

Back Panel - FG 80F Series



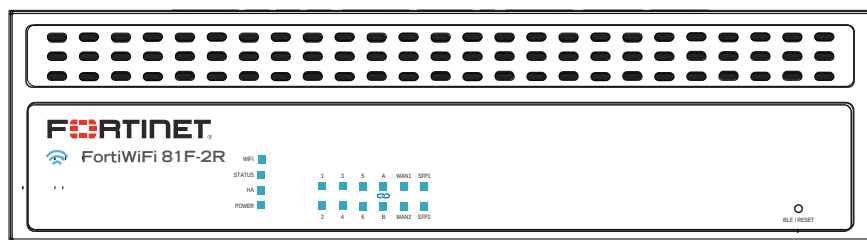
- 1 Console (RJ-45)** CLI management computer interface
USB (USB A) USB 3.0 server port
- 2 SFP Shared Ports 1 & 2 (SFP)** 1 Gbps SFP interface
- 3 WAN Shared Ports 1 & 2 (RJ45)** 1 Gbps Ethernet interface
- 4 BYPASS Port Pair (RJ45)** 1 Gbps Ethernet interface
(FG 80F-Bypass model only. WAN1 & Port1 are the default configuration)
- 5 Ports 1 to 6 (RJ-45)** 1 Gbps Ethernet interface
- 6 FortiLink Ports A & B (RJ-45)** 1 Gbps Ethernet interface
- 7 Power Input** 12V DC 3A, 100-240V AC 50/60Hz
(optional redundant power adapter and cable available for purchase)

Front Panel - FG 80F Series



- 1 LOGO**
 - FortiGate 80F**
 - Green:** The device is on
 - Off:** The device is off
 - FortiGate 80F - BYPASS**
 - Green:** The device is on
 - Off:** The device is off
- 2 BYPASS**
(FG 80F-Bypass model only)
 - Amber:** Bypass Port Pair is active *(WAN1 & Port1, default configuration)*
 - Off:** Bypass Port Pair is off
- STATUS**
 - Green:** Operating normally; BLE is off
 - Flashing Green:** Booting up
 - Flashing Amber:** BLE is on
- HA**
 - Green:** Operating in an HA cluster
 - Amber:** HA failover
 - Off:** Not in an HA cluster
- POWER**
 - Green:** Both power supplies are functioning
 - Amber:** One power supply is functioning
 - Off:** Power is off
- 3 PORT LINK/ACT**
 - Flashing Green:** 1000M/100M/10M data activity
 - Off:** No link established
- 4 WAN**
(WAN & SFP are Shared Ports)
 - Flashing Green:** 1000M/100M/10M data activity
 - Off:** No link established
- 5 SFP**
 - Flashing Green:** 1000M/100M/10M data activity
 - Off:** No link established
- 6 BLE/RESET** Restores factory default and BLE settings

Box Includes - FWF 80F-2R Series



FortiWiFi-80F/81F/-2R



QuickStart Guide



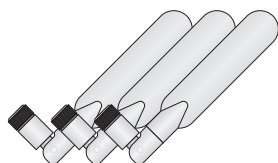
Power Cable



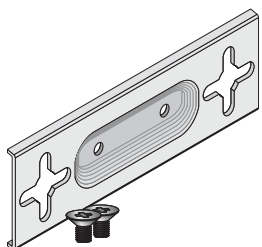
12V DC Power Adapter



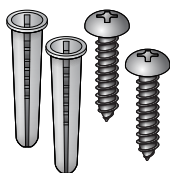
Ethernet Cable



3 WiFi Antennas

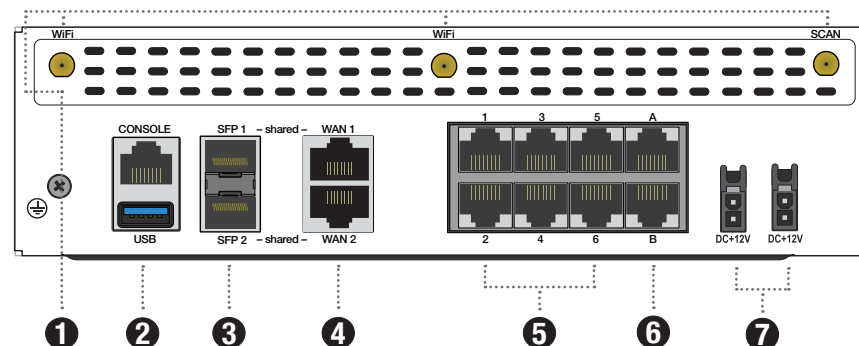


Wall Mount Kit
(Not included, sold separately)



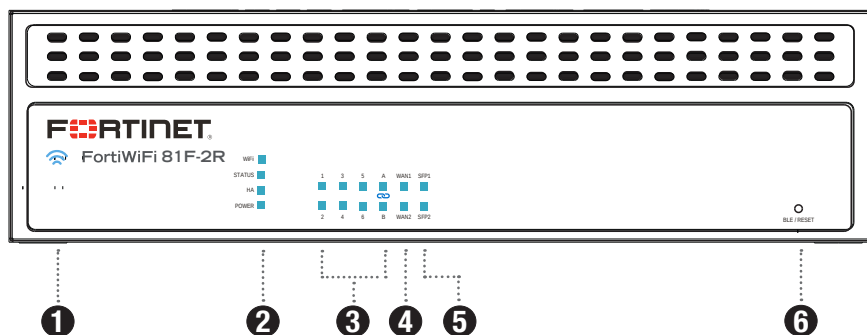
Wall Mount Hardware
(Not included, sold separately)

Back Panel - FWF 80F-2R Series



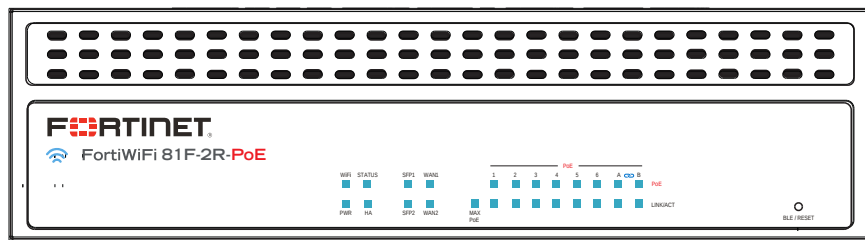
- 1** Antenna Connection (SMA) passive directional antenna connection
- 2** Console (RJ-45) CLI management computer interface
USB (USB A) USB 3.0 server port
- 3** SFP Shared Ports 1 & 2 (SFP) 1 Gbps SFP interface
- 4** WAN Shared Ports 1 & 2 (RJ45) 1 Gbps Ethernet interface
- 5** Ports 1 to 6 (RJ-45) 1 Gbps Ethernet interface
- 6** FortiLink Ports A & B (RJ-45) 1 Gbps Ethernet interface
- 7** Power Input 12V DC 5A, 100-240V AC 50/60Hz
(optional redundant power adapter and cable available for purchase)

Front Panel - FWF 80F-2R Series



- 1 LOGO** FortiWiFi 81F-2R
Blue: The device is on
Off: The device is off
- 2 STATUS**
Green: Operating normally; BLE is off
Flashing Green: Booting up
Flashing Amber: BLE is on
- HA**
Green: Operating in an HA cluster
Amber: HA failover
Off: Not in an HA cluster
- POWER**
Green: Both power supplies are functioning
Amber: One power supply is functioning
Off: Power is off
- WIFI**
Green: WiFi connected
Flashing Green: WiFi activity
Off: WiFi is off
- 3 PORT LINK/ACT** **Flashing Green:** 1000M/100M/10M data activity
Off: No link established
- 4 WAN** **Flashing Green:** 1000M/100M/10M data activity
Off: No link established
(WAN & SFP are Shared Ports)
- 5 SFP** **Flashing Green:** 1000M/100M/10M data activity
Off: No link established
- 6 BLE/RESET** Restores factory default and BLE settings

Box Includes - FWF 81F-2R-POE



FortiWiFi-81F-2R-POE



QuickStart Guide



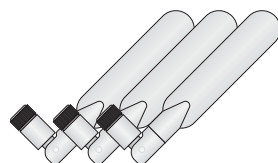
Power Cable



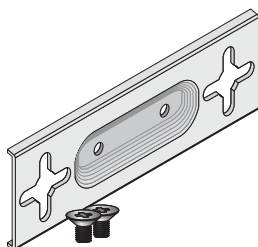
54V DC Power Adapter



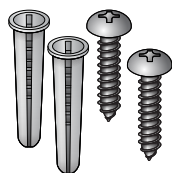
Ethernet Cable



3 WiFi Antennas

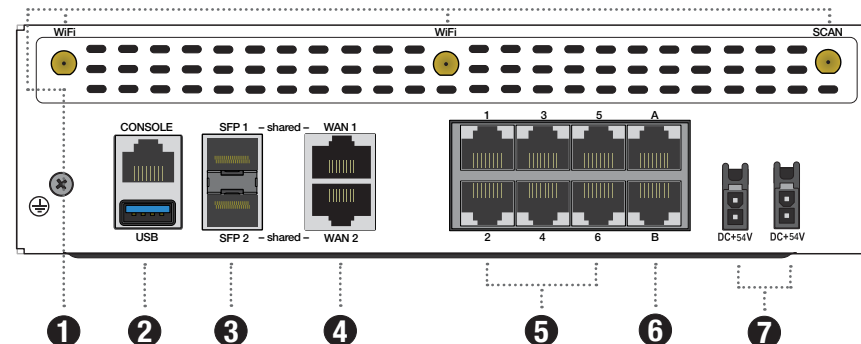


Wall Mount Kit
(Not included, sold separately)



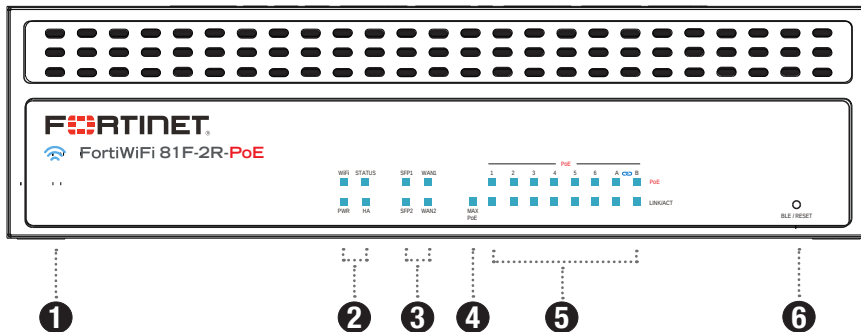
Wall Mount Hardware
(Not included, sold separately)

Back Panel - FWF 81F-2R-POE



- 1** Antenna Connection (SMA) passive directional antenna connection
- 2** Console (RJ-45) CLI management computer interface
USB (USB A) USB 3.0 server port
- 3** SFP Shared Ports 1 & 2 (SFP) 1 Gbps SFP interface
- 4** WAN Shared Ports 1 & 2 (RJ45) 1 Gbps Ethernet interface
- 5** Ports 1 to 6 (RJ-45) 1 Gbps Ethernet interface
- 6** FortiLink Ports A & B (RJ-45) 1 Gbps Ethernet interface
- 7** Power Input 54V DC 2.78A, 100-240V AC 50/60Hz
(optional redundant power adapter and cable available for purchase)

Front Panel - FWF 81F-2R-POE



- 1 LOGO** FortiWiFi 81F-2R
Blue: The device is on
Off: The device is off
- 2 WIFI**
Green: WiFi connected
Flashing Green: WiFi activity
Off: WiFi is off
- STATUS**
Green: Operating normally; BLE is off
Flashing Green: Booting up
Flashing Amber: BLE is on
- PWR**
Green: Both power supplies are functioning
Amber: One power supply is functioning
Off: Power is off
- HA**
Green: Operating in an HA cluster
Amber: HA failover
Off: Not in an HA cluster
- 3 SFP/WAN** **Flashing Green:** 1000M/100M/10M data activity
(WAN & SFP are Shared Ports) **Off:** No link established
- 4 MAX PoE** **Red:** Providing Max PoE Power
Off: PoE power available
- 5 Ports** **Green:** PoE power on
PoE **Off:** PoE power off
- LINK/ACT** **Flashing Green:** 1000M/100M/10M data activity
Off: No link established
- 6 BLE/RESET** Restores factory default and BLE settings