F:RTINET.

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 produir:

Debe registrar el producto:

登録のお願い:

请马上注册:

http://support.fortinet.com

FORTINET®

March 16, 2021

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Box Includes - FG 80F Series
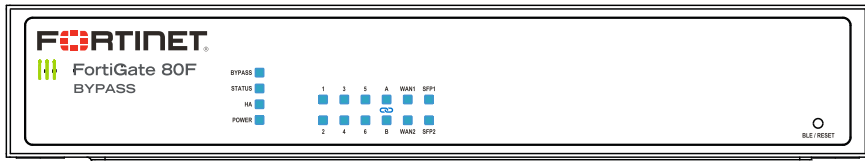
FortiGate 80F/81F/Bypass

QuickStart Guide
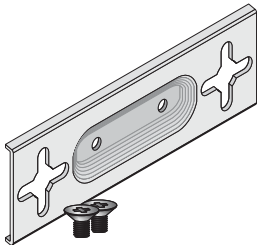
Power Cable

12V DC Power Adapter

Ethernet Cable

Wall Mount Kit
(Not included, sold separately)
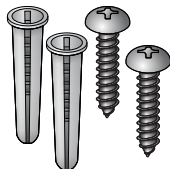
Wall Mount Hardware
(Not included, sold separately)

Back Panel - FG 80F Series
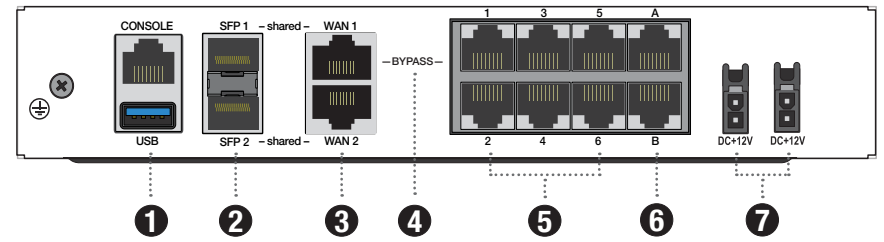
❶ Console (RJ-45) CLI management computer interface

  USB (USB A) USB 3.0 server port

❷ SFP Shared Ports 1 & 2 (SFP) 1 Gbps SFP interface

❸ WAN Shared Ports 1 & 2 (RJ45) 1 Gbps Ethernet interface

❹ BYPASS Port Pair (RJ45) 1 Gbps Ethernet interface
  (FG 80F-Bypass model only. WAN1 & Port1 are the default configuration)

❺ Ports 1 to 6 (RJ-45) 1 Gbps Ethernet interface

❻ FortiLink Ports A & B (RJ-45) 1 Gbps Ethernet interface

❼ Power Input 12V DC 3A, 100-240V AC 50/60Hz

  (optional redundant power adapter and cable available for purchase)

Front Panel - FG 80F Series
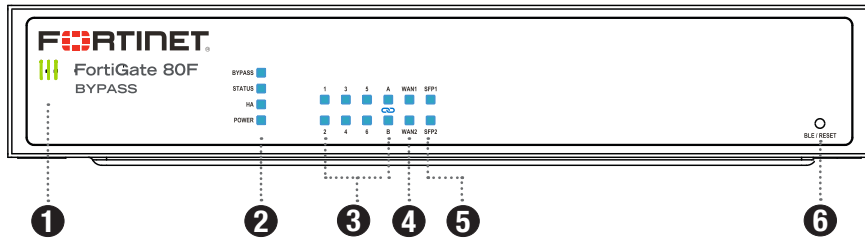
① **LOGO**

‖‖ **FortiGate 80F**	‖‖ **FortiGate 80F - BYPASS**
■ **Green**: The device is on	■ **Green**: The device is on
■ **Off**: The device is off	■ **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

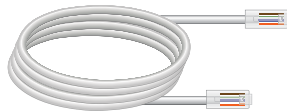# Box Includes - FWF 80F-2R Series
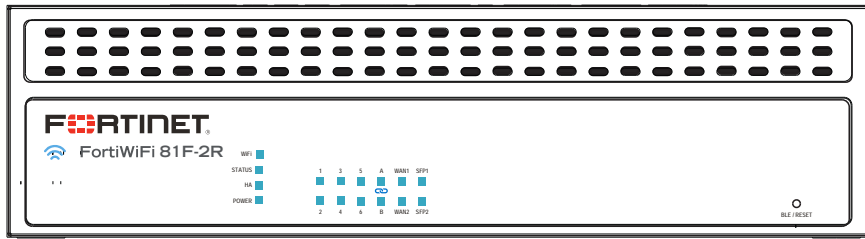
FortiWiFi-80F/81F/-2R


QuickStart Guide
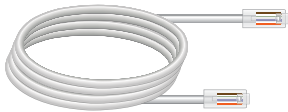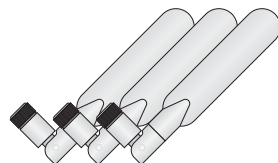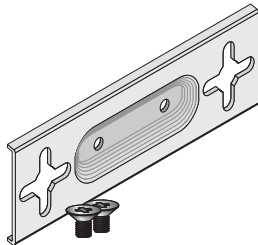

Power Cable

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
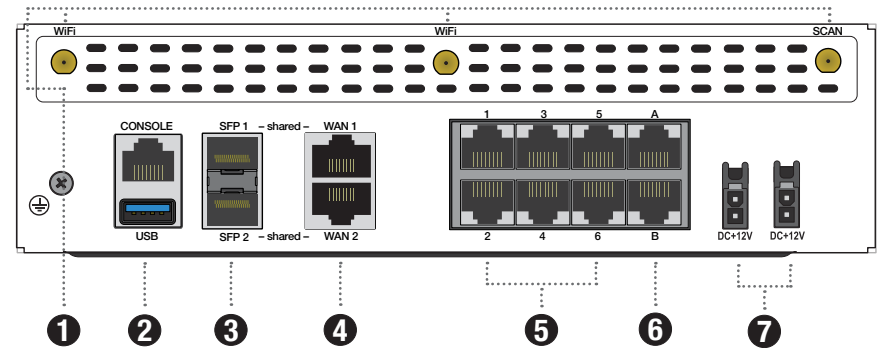
1 **Antenna Connection (SMA)** passive directional antenna connection

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
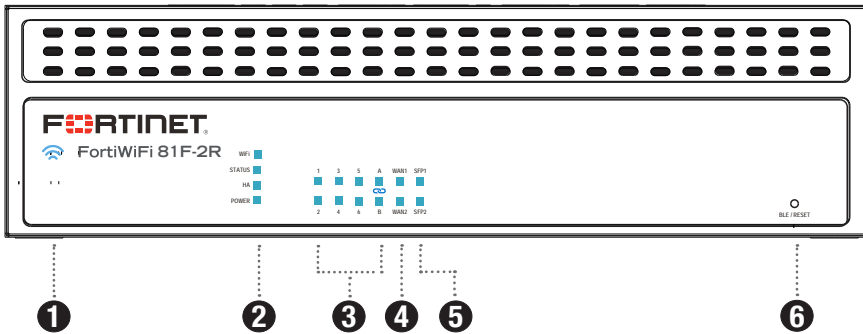
❶ LOGO

📶 **FortiWiFi 81F-2R**

🟦 **Blue**: The device is on

⬛ **Off**: The device is off

❷ 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

❸ PORT LINK/ACT

◇ **Flashing Green**: 1000M/100M/10M data activity

⬛ **Off**: No link established

❹ WAN

(WAN & SFP are Shared Ports)

◇ **Flashing Green**: 1000M/100M/10M data activity

⬛ **Off**: No link established

❺ SFP

◇ **Flashing Green**: 1000M/100M/10M data activity

⬛ **Off**: No link established

❻ BLE/RESET Restores factory default and BLE settings

Box Includes - FWF 81F-2R-POE

FortiWiFi-81F-2R-POE

QuickStart Guide

Power Cable
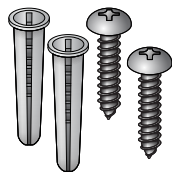

54V DC Power Adapter

Ethernet Cable

3 WiFi Antennas

Wall Mount Kit
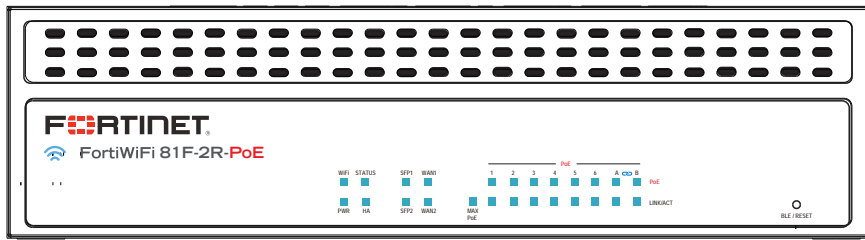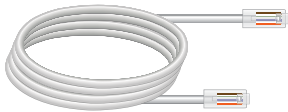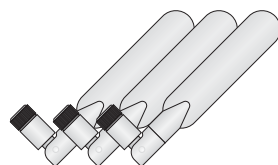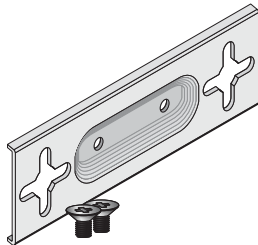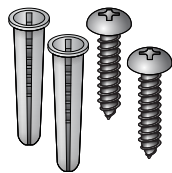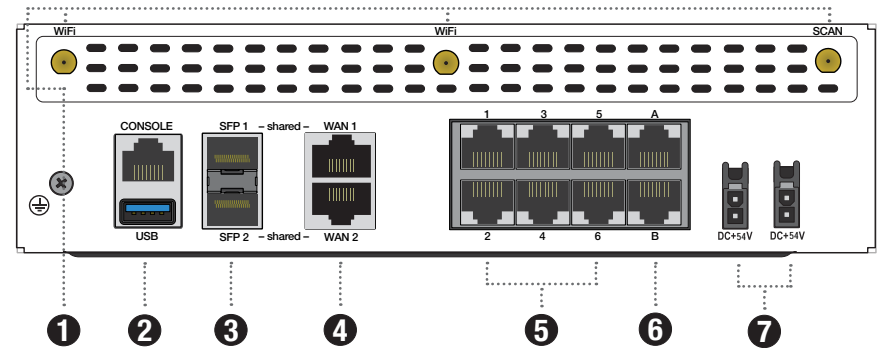*(Not included, sold separately)*

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
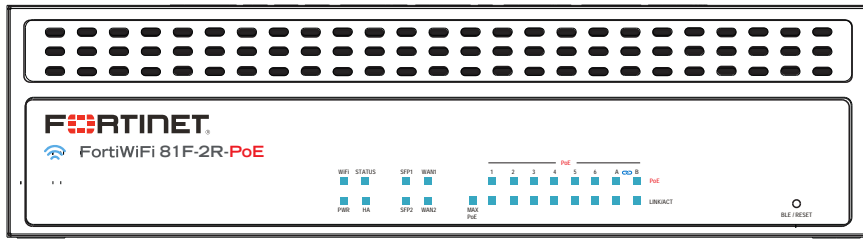
① LOGO

📶 **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
(WAN & SFP are Shared Ports)

◈ **Flashing Green**: 1000M/100M/10M data activity
⬛ **Off**: No link established

④ MAX PoE

🟥 **Red:** Providing Max PoE Power
⬛ **Off**: PoE power available

⑤ Ports

PoE
🟩 **Green**: PoE power on
⬛ **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