

# 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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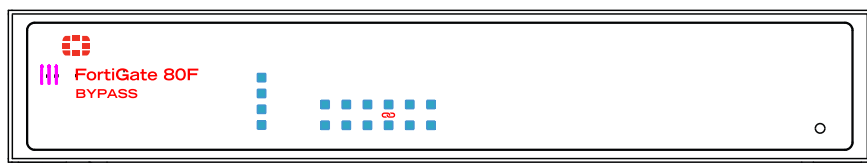
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## Box Includes - FG 80F Series



FortiGate 80F/81F/Bypass



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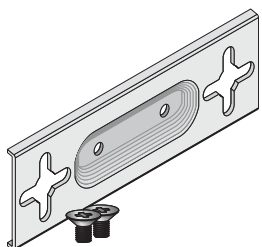
Power Cable



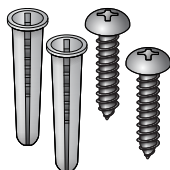
12V DC Power Adapter



Ethernet Cable

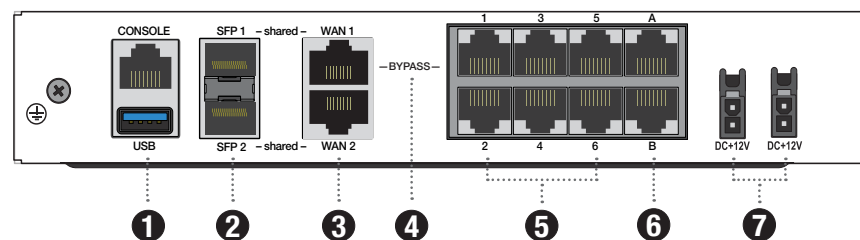


Wall Mount Kit  
(Not included, sold separately)



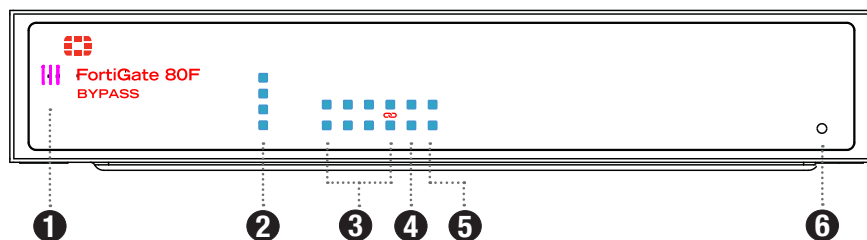
Wall Mount Hardware  
(Not included, sold separately)

## Back Panel - FG 80F Series



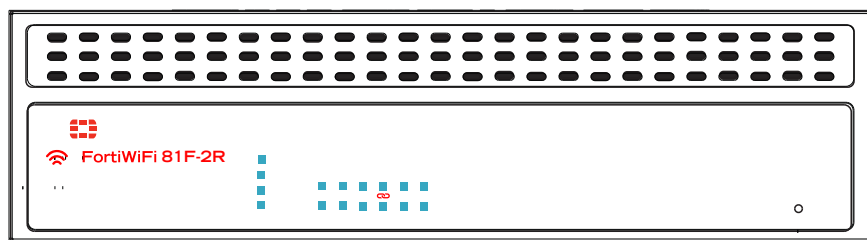
- 1 Console (RJ-45)** CLI management computer interface  
USB (USB A) USB 3.0 server port
- 2 SFP Shared Ports 1 & 2 (SFP)** 1 Gbps SFP interface
- 3 WAN Shared Ports 1 & 2 (RJ45)** 1 Gbps Ethernet interface
- 4 BYPASS Port Pair (RJ45)** 1 Gbps Ethernet interface  
(FG 80F-Bypass model only. WAN1 & Port1 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**
- |  |                                |  |                                |
|--|--------------------------------|--|--------------------------------|
|  | <b>FortiGate 80F</b>           |  | <b>FortiGate 80F - BYPASS</b>  |
|  | <b>Green:</b> The device is on |  | <b>Green:</b> The device is on |
|  | <b>Off:</b> The device is off  |  | <b>Off:</b> The device is off  |
- 2 BYPASS**  
(FG 80F-Bypass model only)
- |  |  |
|--|--|
|  | <b>Amber:</b> Bypass Port Pair is active (WAN1 & Port1, default configuration) |
|  | <b>Off:</b> Bypass Port Pair is off  |
- STATUS**
- |  |  |
|--|--|
|  | <b>Green:</b> Operating normally; BLE is off |
|  | <b>Flashing Green:</b> Booting up            |
|  | <b>Flashing Amber:</b> BLE is on             |
- HA**
- |  |  |
|--|--|
|  | <b>Green:</b> Operating in an HA cluster |
|  | <b>Amber:</b> HA failover                |
|  | <b>Off:</b> Not in an HA cluster         |
- POWER**
- |  |   |
|--|---|
|  | <b>Green:</b> Both power supplies are functioning |
|  | <b>Amber:</b> One power supply is functioning     |
|  | <b>Off:</b> Power is off                          |
- 3 PORT LINK/ACT**
- |  |   |
|--|---|
|  | <b>Flashing Green:</b> 1000M/100M/10M data activity |
|  | <b>Off:</b> No link established                     |
- 4 WAN**  
(WAN & SFP are Shared Ports)
- |  |   |
|--|---|
|  | <b>Flashing Green:</b> 1000M/100M/10M data activity |
|  | <b>Off:</b> No link established                     |
- 5 SFP**
- |  |   |
|--|---|
|  | <b>Flashing Green:</b> 1000M/100M/10M data activity |
|  | <b>Off:</b> No link established                     |
- 6 BLE/RESET** Restores factory default and BLE settings

## Box Includes - FWF 80F-2R Series



FortiWiFi-80F/81F/-2R



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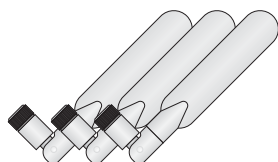
Power Cable



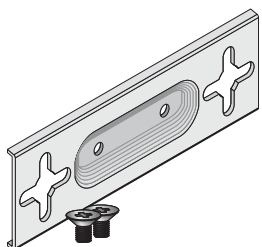
12V DC Power Adapter



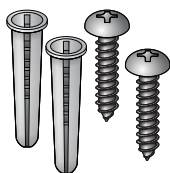
Ethernet Cable



3 WiFi Antennas

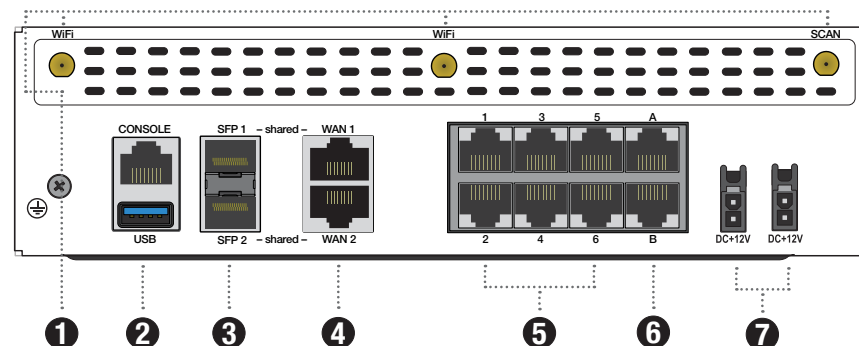


Wall Mount Kit  
(Not included, sold separately)



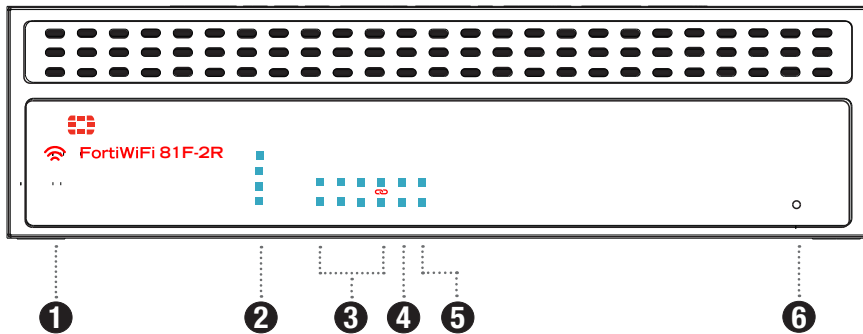
Wall Mount Hardware  
(Not included, sold separately)

## Back Panel - FWF 80F-2R Series



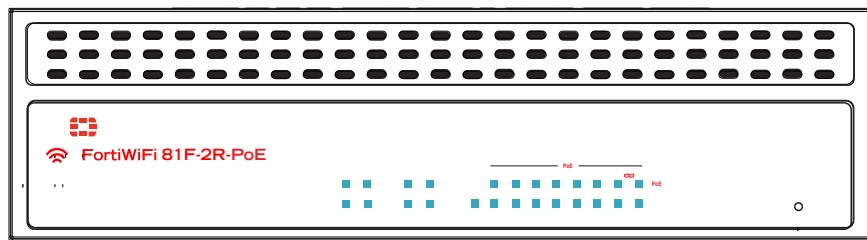
- 1** Antenna Connection (SMA) passive directional antenna connection
- 2** Console (RJ-45) CLI management computer interface  
USB (USB A) USB 3.0 server port
- 3** SFP Shared Ports 1 & 2 (SFP) 1 Gbps SFP interface
- 4** WAN Shared Ports 1 & 2 (RJ45) 1 Gbps Ethernet interface
- 5** Ports 1 to 6 (RJ-45) 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**
- (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 81F-2R-POE



FortiWiFi-81F-2R-POE



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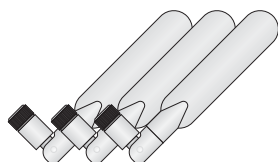
Power Cable



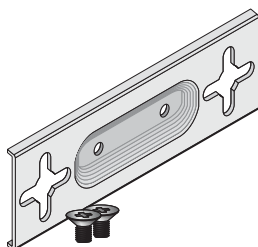
54V DC Power Adapter



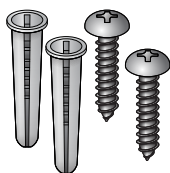
Ethernet Cable



3 WiFi Antennas

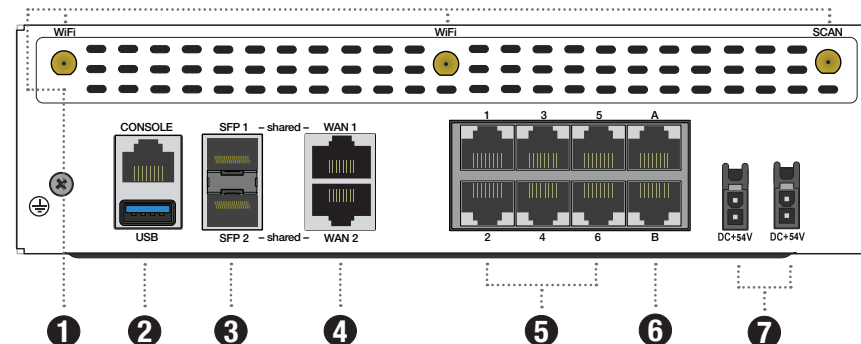


Wall Mount Kit  
(Not included, sold separately)



Wall Mount Hardware  
(Not included, sold separately)

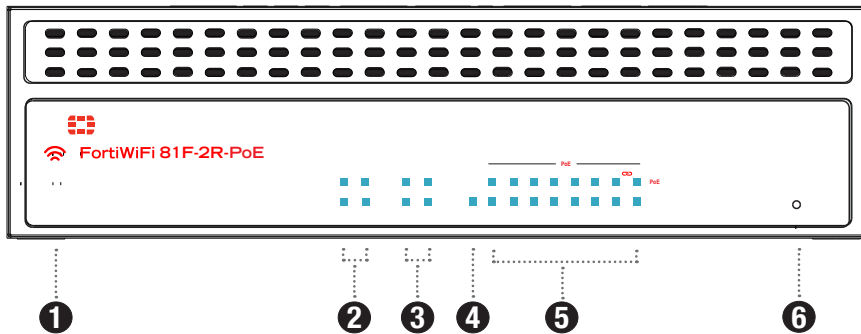
## Back Panel - FWF 81F-2R-POE



- 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