

# 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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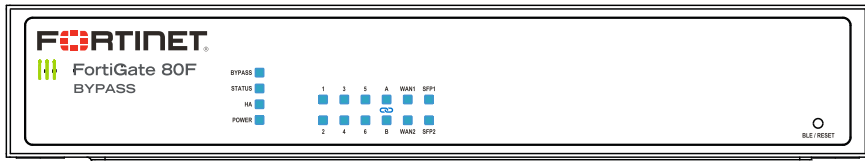
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# Box Includes - FG 80F Series



FortiGate 80F/81F/Bypass



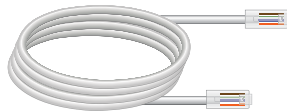
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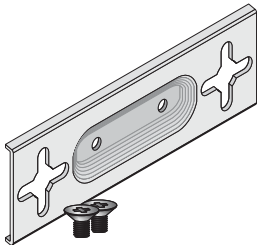
Power Cable



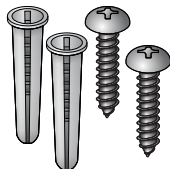
12V DC Power Adapter



Ethernet Cable

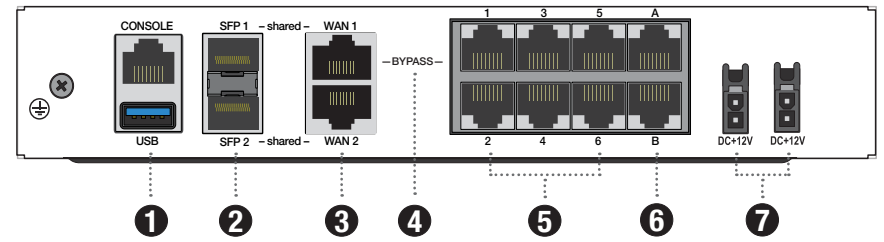


Wall Mount Kit  
(Not included, sold separately)



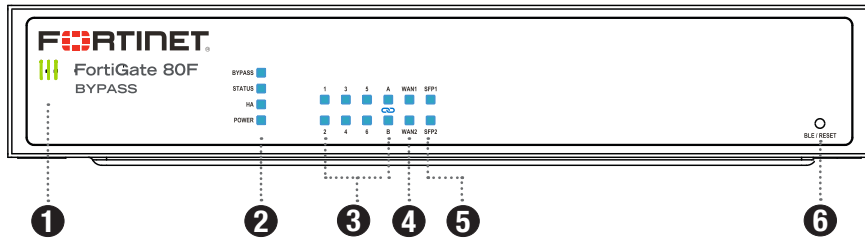
Wall Mount Hardware  
(Not included, sold separately)

# 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 <i>(WAN1 &amp; Port1, default configuration)</i>
	<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**

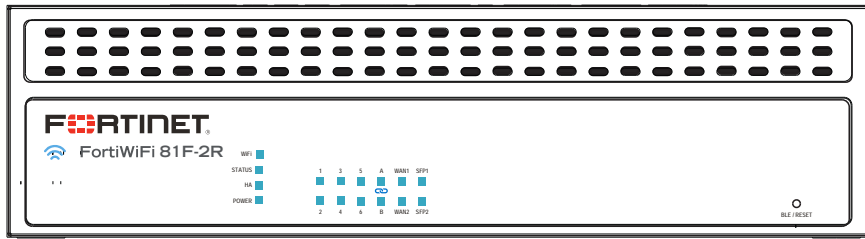
	<b>Green:</b> Both power supplies are functioning
	<b>Amber:</b> One power supply is functioning
	<b>Off:</b> Power is off
  
- 3 PORT LINK/ACT**

	<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



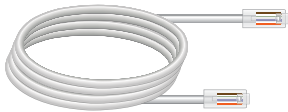
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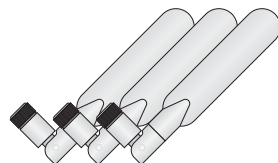
Power Cable



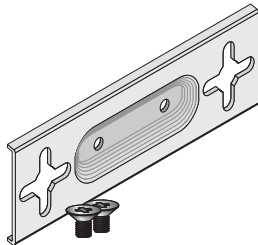
12V DC Power Adapter



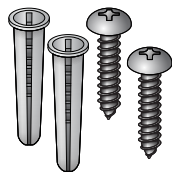
Ethernet Cable



3 WiFi Antennas

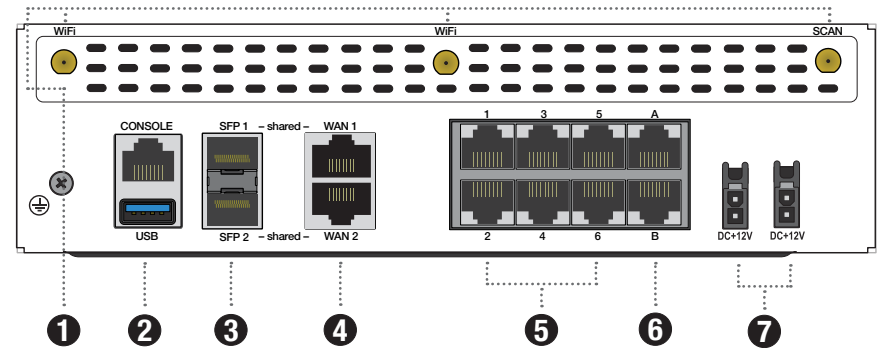


Wall Mount Kit  
(Not included, sold separately)



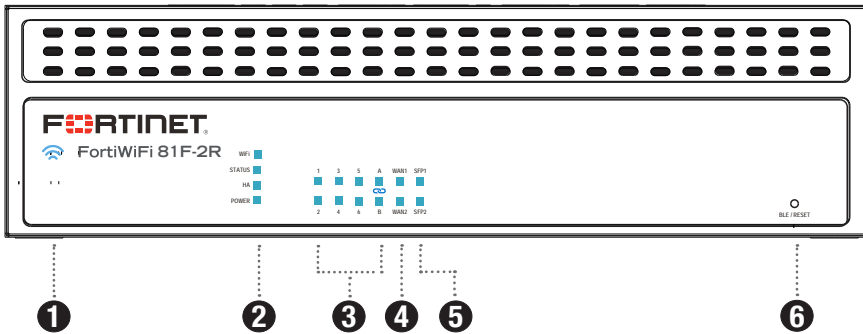
Wall Mount Hardware  
(Not included, sold separately)

## 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**

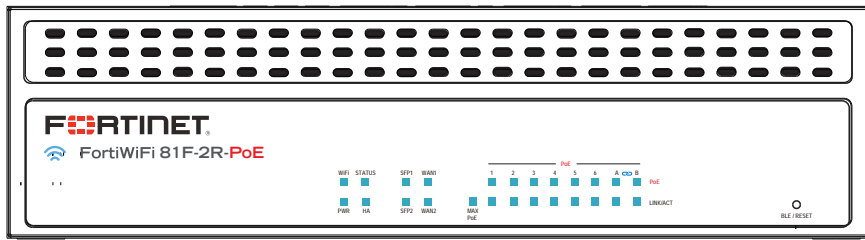
  - Flashing Green:** 1000M/100M/10M data activity
  - Off:** No link established
  
- 4 WAN**

*(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



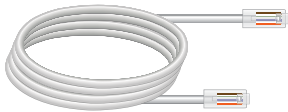
QuickStart Guide



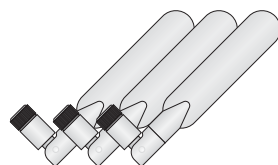
Power Cable



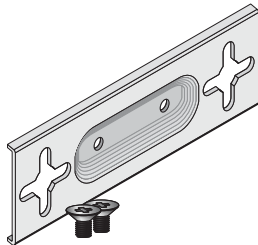
54V DC Power Adapter



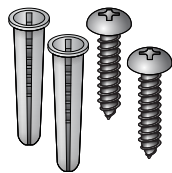
Ethernet Cable



3 WiFi Antennas

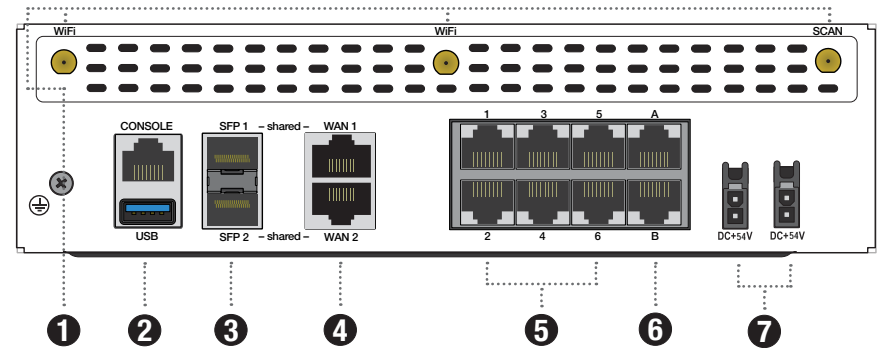


Wall Mount Kit  
(Not included, sold separately)



Wall Mount Hardware  
(Not included, sold separately)

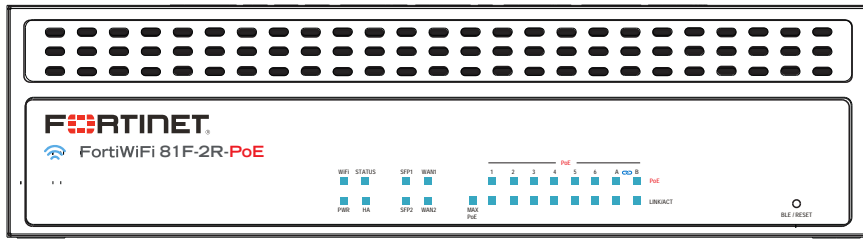
# Back Panel - FWF 81F-2R-POE



- 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