

# FortiGate/FortiWiFi® 30E-3G4G

The Fortinet Enterprise Firewall Solution delivers end-to-end network security with one platform, one network security operating system and unified policy management with a single pane of glass — for **the industry's best protection against the most advanced security threats and targeted attacks.**



## Security Fabric Integration

FortiGate appliances, interconnected with the Fortinet Security Fabric, form the backbone of the Fortinet Enterprise Solution.



## Deployment Modes

Unified Threat Management  
Distributed Enterprise Firewall



**950 Mbps**  
*Firewall*

**900,000**  
*Concurrent Sessions*



**240 Mbps**  
*IPS*



**200 Mbps**  
*NGFW*



**150 Mbps**  
*Threat Protection*



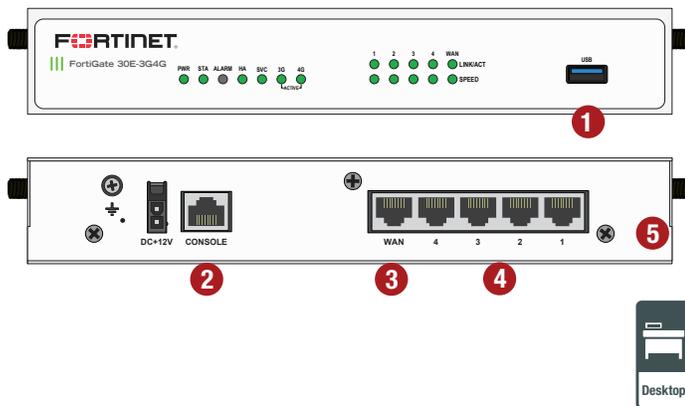
Multiple GE RJ45 | WiFi Variants

## Third-Party Certifications



## HARDWARE

### FortiGate 30E-3G4G



#### Interfaces

1. USB Port
2. Console Port
3. 1x GE RJ45 WAN Port
4. 4x GE RJ45 Switch Ports
5. Internal 3G/4G Modem

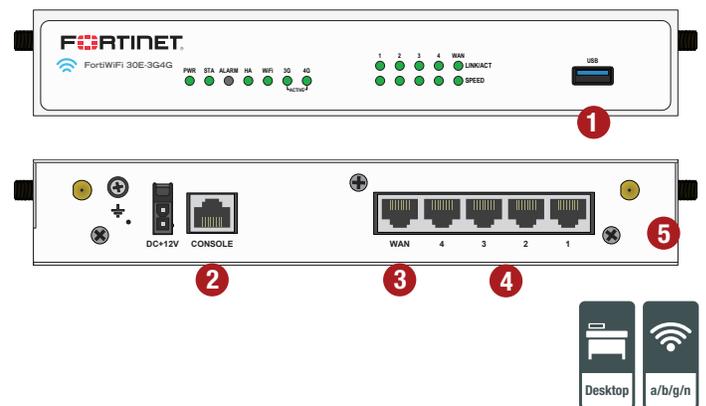
### Install in Minutes with FortiExplorer

The FortiExplorer wizard enables easy setup and configuration coupled with easy-to-follow instructions. FortiExplorer runs on popular mobile devices like Android and iOS. Using FortiExplorer is as simple as starting the application and connecting to the appropriate USB port on the FortiGate. By using FortiExplorer, you can be up and running and protected in minutes.

### 3G/4G WAN Extensions

The FortiGate/FortiWiFi 30E-3G4G includes built-in 3G/4G modem that allows additional WAN connectivity or a redundant link for maximum reliability.

### FortiWiFi 30E-3G4G



#### Interfaces

1. USB Port
2. Console Port
3. 1x GE RJ45 WAN Port
4. 4x GE RJ45 Switch Ports
5. Internal 3G/4G Modem

### Compact and Reliable Form Factor

Designed for small environments, you can simply place the FortiGate/FortiWiFi 30E-3G4G on a desktop. It is small, lightweight yet highly reliable with superior MTBF (Mean Time Between Failure), minimizing the chance of a network disruption.

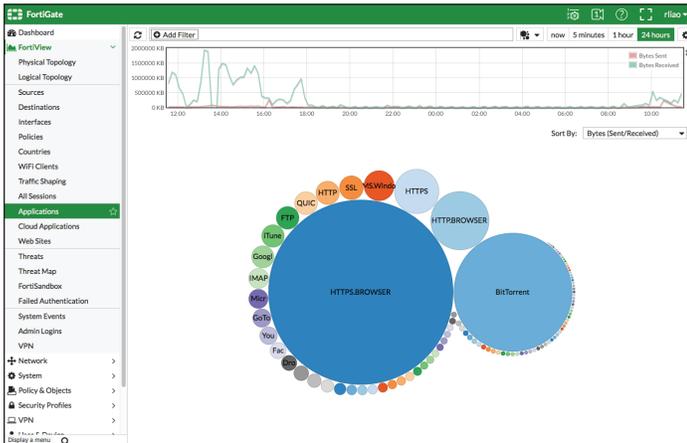
### Superior Wireless Coverage

A built-in dual-band, dual-stream access point with internal antennas is integrated on the FortiWiFi 30E-3G4G and provides speedy 802.11n coverage on both 2.4 GHz and 5 GHz bands. The dual-band chipset addresses the PCI-DSS compliance requirement for rogue AP wireless scanning, providing maximum protection for regulated environments.

## SOFTWARE

### FortiOS

Control all the security and networking capabilities across the entire FortiGate platform with one intuitive operating system. Reduce operating expenses and save time with a truly consolidated next generation security platform.



- A truly consolidated platform with one OS for all security and networking services for all FortiGate platforms.
- Industry-leading protection: NSS Labs Recommended, VB100, AV Comparatives and ICSA validated security and performance.
- Control thousands of applications, block the latest exploits, and filter web traffic based on millions of real-time URL ratings.
- Detect, contain and block advanced attacks automatically in minutes with integrated advanced threat protection framework.
- Solve your networking needs with extensive routing, switching, WiFi, LAN and WAN capabilities.
- Activate all the SPU-booster capabilities you need on the fastest firewall platform available.



For more information, please refer to the FortiOS data sheet available at [www.fortinet.com](http://www.fortinet.com)

## SERVICES

### FortiGuard™ Security Services

FortiGuard Labs offers real-time intelligence on the threat landscape, delivering comprehensive security updates across the full range of Fortinet's solutions. Comprised of security threat researchers, engineers, and forensic specialists, the team collaborates with the world's leading threat monitoring organizations, other network and security vendors, as well as law enforcement agencies:

- **Real-time Updates** — 24x7x365 Global Operations research security intelligence, distributed via Fortinet Distributed Network to all Fortinet platforms.
- **Security Research** — FortiGuard Labs have discovered over 170 unique zero-day vulnerabilities to date, totaling millions of automated signature updates monthly.
- **Validated Security Intelligence** — Based on FortiGuard intelligence, Fortinet's network security platform is tested and validated by the world's leading third-party testing labs and customers globally.

### FortiCare™ Support Services

Our FortiCare customer support team provides global technical support for all Fortinet products. With support staff in the Americas, Europe, Middle East and Asia, FortiCare offers services to meet the needs of enterprises of all sizes:

- **Enhanced Support** — For customers who need support during local business hours only.
- **Comprehensive Support** — For customers who need around-the-clock mission critical support, including advanced exchange hardware replacement.
- **Advanced Services** — For global or regional customers who need an assigned Technical Account Manager, enhanced service level agreements, extended software support, priority escalation, on-site visits and more.
- **Professional Services** — For customers with more complex security implementations that require architecture and design services, implementation and deployment services, operational services and more.



#### Enterprise Bundle

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with the FortiGuard Enterprise Bundle. This bundle contains the full set of FortiGuard security services plus FortiCare service and support offering the most flexibility and broadest range of protection all in one package.

# SPECIFICATIONS

	FG-30E-3G4G	FWF-30E-3G4G
<b>Hardware Specifications</b>		
GE RJ45 Switch Ports		4
GE RJ45 WAN Port		1
USB Port		1
Console (RJ45)		1
Wireless Interface	—	802.11 a/b/g/n
<b>System Performance</b>		
Firewall Throughput		950 Mbps
Firewall Latency (64 byte UDP packets)		130 µs
Firewall Throughput (Packets Per Second)		180 Kpps
Concurrent Sessions (TCP)		900,000
New Sessions/Second (TCP)		15,000
Firewall Policies		5,000
IPsec VPN Throughput (512 byte packets)		75 Mbps
Gateway-to-Gateway IPsec VPN Tunnels		200
Client-to-Gateway IPsec VPN Tunnels		250
SSL-VPN Throughput		35 Mbps
Concurrent SSL-VPN Users (Recommended Maximum)		80
IPS Throughput (HTTP / Enterprise Mix)		600 / 240 Mbps
SSL Inspection Throughput		200 Mbps
NGFW Throughput		150 Mbps
CAPWAP Throughput		950 Mbps
Virtual Domains (Default / Maximum)		5 / 5
Maximum Number of FortiAPs (Total / Tunnel Mode)		2 / 2
Maximum Number of FortiTokens		20
Maximum Number of Registered FortiClients		200
High Availability Configurations		Active/Active, Active/Passive, Clustering
<b>Dimensions</b>		
Height x Width x Length (inches)		1.44 x 5.5 x 8.52
Height x Width x Length (mm)		36.5 x 140 x 216
Weight	1.982 lbs (0.899 kg)	1.998 lbs (0.9 kg)
Form Factor		Desktop

## ORDER INFORMATION

Product	SKU	Description
FortiGate 30E-3G4G-NAM	FG-30E-3G4G-NAM	5x GE RJ45 ports (Including 1x WAN port, 4x Switch ports), Maximum managed FortiAPs (Total / Tunnel) 2 / 2.
FortiWiFi 30E-3G4G-NAM	FWF-30E-3G4G-NAM	5x GE RJ45 ports (Including 1x WAN port, 4x Switch ports), Wireless (802.11a/b/g/n), Maximum managed FortiAPs (Total / Tunnel) 2 / 2.
FortiGate 30E-3G4G-INTL	FG-30E-3G4G-INTL	5x GE RJ45 ports (Including 1x WAN port, 4x Switch ports), Maximum managed FortiAPs (Total / Tunnel) 2 / 2.
FortiWiFi 30E-3G4G-INTL	FWF-30E-3G4G-INTL	5x GE RJ45 ports (Including 1x WAN port, 4x Switch ports), Wireless (802.11a/b/g/n), Maximum managed FortiAPs (Total / Tunnel) 2 / 2.



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	FG-30E-3G4G	FWF-30E-3G4G
<b>Environment</b>		
Power Required	100–240V AC, 60–50 Hz (External DC Power Adapter)	
Maximum Current	110 V / 0.55 A, 220 V / 0.47 A	110 V / 0.57 A, 220 V / 0.48 A
Power Consumption (Average / Maximum)	16.1 / 19.3 W	20 / 27.6 W
Heat Dissipation	66 BTU/h	94 BTU/h
Operating Temperature	32–104°F (0–40°C)	
Storage Temperature	-31–158°F (-35–70°C)	
Humidity	20–90% non-condensing	
Operating Altitude	Up to 7,400 ft (2,250 m)	
<b>Compliance</b>		
Regulatory Compliance	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB	
<b>Certifications</b>		
	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN	
<b>Regional Compatibility</b>		
	FG/FWF-30E-3G4G-NAM	FG/FWF-30E-3G4G-INTL
	United States, Canada and Mexico	Europe, Middle East, Central America (except Mexico), South America and Australia
Modem Model	Sierra Wireless EM7355	Sierra Wireless EM7305
LTE	Bands: 2, 4, 5, 13, 17, 25	Bands: 1, 3, 7, 8, 20
UMTS/HSPA+	Bands: 1, 2, 4, 5, 8	Bands: 1, 2, 5, 8
WCDMA	Bands: 1, 2, 5, 8	
CDMA 1xRTT/EV-DO Rev A	BC0, BC1, BC10	
GSM/GPRS/EDGE	Quad Band 850/900/1800/ 1900 MHz	Quad Band 850/900/1800/ 1900 MHz
Module Certifications	FCC, PTCRB, NCC	CE, GCF, NCC, FCC
Diversity	Yes	Yes
MIMO	Yes	Yes
GNSS Bias	Yes	Yes
XLTE (band bonding)	Yes	Yes
Carrier Certifications	Verizon Wireless (in process), Verizon Wireless DMNR PTCRB for use with AT&T and most North American carriers (in process)	

Note: All performance values are "up to" and vary depending on system configuration. IPsec VPN performance is based on 512 byte UDP packets using AES-256+SHA1. NGFW performance is measured with Flow AV (Full Mode), IPS and Application Control enabled, based on Enterprise Traffic Mix. SSL Inspection is measured with IPS enabled and HTTP traffic, using TLS v1.2 with AES256SHA. CAPWAP performance is based on 1444 byte UDP packets.