Corporate Armor For more information, please call **877.449.0458**, or email us at **Sales@CorporateArmor.com**.

FORTINET

FortiGate/FortiWiFi® 60D-3G4G-VZW

Unified Threat Management with Built-in 3G/4G Modem

The FortiGate/FortiWiFi-60D-3G4G series of consolidated security appliances deliver comprehensive enterprise-class protection for smaller locations, branch offices, customer premise equipment (CPE) and retail networks. The embedded 3G/4G wireless modem provides a cost-effective and rapidly deployable WAN connectivity option that reduces network complexity and increases network uptime. Simple per-device pricing, an integrated management console, and remote management capabilities significantly reduce your procurement, deployment and administration costs.

FortiGate/FortiWiFi-60D-3G4G-VZW sports an embedded wireless wan module for 3G/4G mobile data applications. Powered by Qualcomm® MDM9600 chipset, this FortiWiFi platform offers high performance Internet connectivity on LTE 700 MHz with fallback to CDMA and HSPA+/UMTS and is certified for Verizon Wireless Network in US.

The Power of Unified Threat Management

FortiGate consolidated security appliances deliver an unmatched range of security technologies. They integrate essential firewall, IPSec and SSL VPN, application control, intrusion prevention, antivirus, and web filtering protection into a single device at a single price, all managed from a "single-pane-of-glass" console. They also include other security technologies, such as data loss prevention (DLP), encrypted SSL inspection, endpoint NAC, WAN optimization, and vulnerability management. In addition, Fortinet's FortiGuard® Labs is on duty around the clock and around the world, monitoring changes in the threat landscape. FortiGuard Labs deliver dynamic threat updates to protect your network against emerging threats.

Enterprise-class Protection for Smaller Locations

- Ideal for smaller locations, branch offices, customer premise equipment (CPE) and retail networks
- Runs on FortiOS 5 - the most powerful security operating system in the world delivers more security to fight advanced threats, more control to secure mobile devices, and more intelligence to build secure policies
- FortiASIC SOC2 delivers outstanding firewall and VPN performance
- Backed by Fortinet's global FortiCare technical support and FortiGuard threat research teams for around-the-clock protection and support

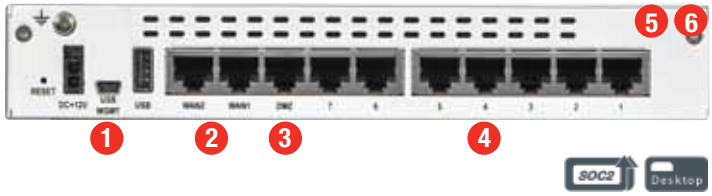
ICSA labs CERTIFIED FIREWALL - CORPORATE
ICSA labs CERTIFIED SSL VPN
ICSA labs CERTIFIED IPSEC - BASIC
ICSA labs CERTIFIED ANTI-VIRUS
ICSA labs CERTIFIED NETWORK IPS

Key Features & Benefits

Unified Security Architecture	Multi-threat protection from a single device increases security and lowers costs
Simple Licensing	Hassle-free unlimited user licensing and comprehensive feature-set increases ease of deployment and maintenance
Multi-Port Interfaces	Multiple network interfaces and optional wireless connectivity enables flexible deployment and improves protection with multiple security zones

HARDWARE

FortiGate/FortiWiFi-60D-3G4G-VZW



1. USB Management Port for FortiExplorer
2. 2 x 10/100/1000 WAN Interfaces
3. 1x 10/100/1000 DMZ Interface
4. 7 x 10/100/1000 Internal Interfaces
5. Internal 3G/4G Modem
6. 802.11 a/b/g/n Wireless Interface (FortiWiFi)

Powered by FortiASIC SOC2

- Combines a RISC-based CPU with Fortinet's proprietary FortiASIC™ content and network processors for unmatched performance
- Simplifies appliance design and enables breakthrough performance for smaller networks
- Supports firewall acceleration across all packet sizes for maximum throughput
- Delivers accelerated UTM content processing for superior performance and protection
- Accelerates VPN performance for high speed, secure remote access

Install in Minutes with FortiExplorer

The FortiExplorer™ wizard enables you to easily and quickly set up and configure FortiGate and FortiWiFi platforms with easy-to-follow instructions. The application runs on Windows, Mac OS X desktops and laptops as well as popular mobile devices. Simply connect to the appropriate USB port on the appliance, and be fully protected in minutes.

3G/4G WAN Connectivity

The FortiGate/FortiWiFi-60D-3G4G includes a built-in 3G/4G modem that allows additional WAN connectivity or a redundant link for maximum reliability.

Compact and Reliable Form Factor

Designed for small environments, you can place it on a desktop or wall-mount it. 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-60D 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 forregulated environments.

HIGHLIGHTS

FortiOS — The World's Most Advanced Security Operating System

- **Feature Select**
  Instantly fine-tunes the FortiGate based on desired deployment needs using feature presets. Simplifies user administration and configurations while providing flexibility for different deployment modes.
- **Contextual Visibility**
  Presents critical deep insights into historic or real-time network activities with data on threat details, IPs, users, devices, applications and more. Allows administrators to quickly understand threats and stop them.
- **Advanced Security**
  Multiple advanced technologies can be coordinated to look for and stop today's blended, targeted or unknown attacks. Efficient packet handling improves performance while lowering latencies and reducing network complexities.

For complete, up-to-date and detailed feature set, please refer to the Administration Handbook and FortiOS Datasheet

Industry Validation

The FortiGate family of physical and virtual appliances has earned more certifications than any other vendor by consistently meeting rigorous third-party standards. Our industry-leading technology provides you with air-tight security which you can safely count on.

World-Class Technical Support and Documentation

Fortinet FortiCare support offerings provide comprehensive global support for all Fortinet products and services. You can rest assured your Fortinet security products are performing optimally and protecting your users, applications, and data around the clock.

More Protection and Better ROI

The FortiGate constantly evolves itself in its mission to provide more value for users. Extended features such as WiFi controller, integrated token server, endpoint control and WAN optimization add more security to organizations without incurring additional cost.

Complete and Real-time Security

Fortinet FortiGuard Subscription Services provide automated, real-time, up-to-date protection against the latest security threats. Our threat research labs are located worldwide, providing 24x7 updates when you most need it.

FortiOS Dashboard — Single Pane of Glass Management

ORDER INFORMATION

Product	SKU	Description
FortiGate-60D-3G4G-VZW	FG-60D-3G4G-VZW	10 x GE RJ45 ports (including 7 x Internal Ports, 2 x WAN Ports, 1 x DMZ Port), embedded 3G/4G/LTE wireless WAN modem for use on Verizon Wireless network. Max managed FortiAPs (Total / Tunnel) 10 / 5
FortiWiFi-60D-3G4G-VZW	FWF-60D-3G4G-VZW	10 x GE RJ45 ports (including 7 x Internal Ports, 2 x WAN Ports, 1 x DMZ Port), Wireless (802.11a/b/g/n), embedded 3G/4G/LTE wireless WAN modem for use on Verizon Wireless network. Max managed FortiAPs (Total / Tunnel) 10 / 5

SPECIFICATIONS

	FG-60D-3G4G-VZW	FWF-60D-3G4G-VZW
Interfaces & Modules		
10/100/1000 WAN Interfaces (RJ45)	2	
10/100/1000 Internal Interfaces (RJ45)	7	
10/100/1000 DMZ Interfaces (RJ45)	1	
Wireless Interface	-	802.11 a/b/g/n
USB (Client / Server)	1/1	
RJ-45 Console Port	1	
Embedded Modem		
Embedded Modem technology	LTE with fallback to EV-DO Rev A, 1xRTT	
Bands	LTE AWS, 700 MHz (B17) (with MIMO) HSPA+/UMTS 850/AWS/1900/2100 MHz GPRS 850/900/1800/1900 MHz	
MiMo	2 x 2 MiMo	
Receiver Diversity	Yes, improves performance at cell edges and in buildings	
Receiver Equalization	Yes, improves performance in noisy and highly mobile environments	
Internal antennas	2	
Supported LTE band	13	
Removable SIM card	Yes	
Signal strength indicator	Yes, in FortiOS GUI and CLI	
DIAG & AT commands	Yes	
Auto-Connect / On Demand Connect	Yes	
Power Management	Standby & hibernate selective suspend	
Other features	Connection status, data byte count, auto-select network, network profile, self diagnostics, private IP SIM support, IMEI located on outer box and device for easy activation	
System Performance & Capacity		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	1.5 / 1.5 / 1.5 Gbps	
Firewall Latency (64 byte, UDP)	4 µs	
Firewall Throughput (Packet per Second)	2.2 Mpps	
Concurrent Sessions (TCP)	500,000	
New Sessions/Sec (TCP)	4,000	
Firewall Policies	5,000	
IPSec VPN Throughput (512 byte)	1 Gbps	
Gateway-to-Gateway IPSec VPN Tunnels	200	
Client-to-Gateway IPSec VPN Tunnels	500	
SSL VPN Throughput	30 Mbps	
Concurrent SSL-VPN Users (recommended Max)	100	
IPS Throughput	200 Mbps	
Antivirus Throughput (Proxy Based / Flow Based)	35 / 50 Mbps	
Virtual Domains (Default / Max)	10 / 10	
Max Number of FortiAPs (Total / Tunnel)	10 / 5	
Max Number of FortiTokens	100	
Max Number of Registered Endpoints	200	
High Availability Configurations	Active-Active, Active-Passive, Clustering	

Dimensions & Power	
Height x Width x Length	1.50 x 8.50 x 5.83 in (38 x 216 x 148 mm)
Weight	1.9 lbs (0.9 kg)
Form Factor	Desktop
AC Power Supply	100-240 VAC, 50-60 Hz
Power Consumption (Avg / Max)	11.7 / 14 W
Heat Dissipation	40 BTU/h
Operating Environment & Certifications	
Operating Temperature	32 - 104 deg F (0 - 40 deg C)
Storage Temperature	-31 - 158 deg F (-35 - 70 deg C)
Humidity	20 to 90% non-condensing
Compliance	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB, RoHS, Halogen Free
Security Certifications	ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN
Other Certifications	Certified for use on Verizon Network, 3GPP TS 36.101 (LTE), 3GPP Rel 5, 6, 7, 8 (HSPA+), 3GPP Release 99 (GSM/GPRS/EDGE), CCF57, PTCRB, SUPL 2.0

Note: All performance values are "up to" and vary depending on system configuration. Antivirus performance is measured using 44 Kbyte HTTP files. IPS performance is measured using 1 Mbyte HTTP files. IPSec VPN performance is based on 512 byte UDP packets using AES-256+SHA1.

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