FortiGate/FortiWiFi® 60D Series
Integrated Threat Management
for Small Networks

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The FortiGate/FortiWiFi 60D Series are compact, all-in-one security appliances that deliver Fortinet's Connected UTM. Ideal for small business, remote, customer premise equipment (CPE) and retail networks, these appliances offer the network security, connectivity and performance you need at a single low per-device price.

Consolidated Security Solutions

You get advanced threat protection, including firewall, application control, advanced threat protection, IPS, VPN, and web filtering, all from one device that's easy to deploy and manage. With our FortiGuard® security subscription services you'll have automated protection against today's sophisticated threats.

Reduce the need for additional wireless access points by integrating a high-bandwidth "fat-client" into your FortiGate with the FortiWiFi 60D. It's also a great option to secure mobile devices in BYOD environments with automatic device identification and customizable access and security policies.

VDOMs on the FortiGate/FortiWiFi 60D let you segment networks to enable guest and employee access, or protect things like cardholder data. You get the flexibility to match your business needs and meet compliance standards like PCI and HIPAA.

Key Features & Benefits

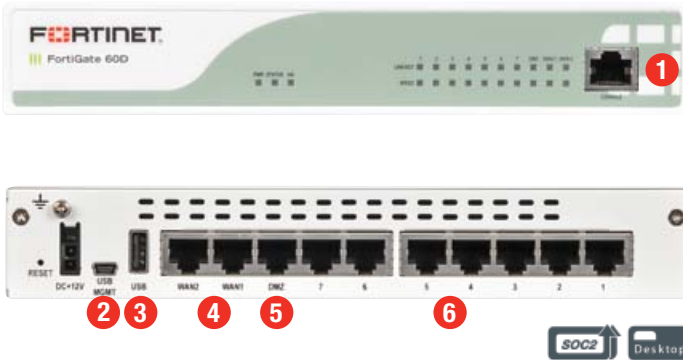|	
Unified Security	Multi-threat protection from a single device increases security and lowers costs
Simplified Licensing	Unlimited user licensing and comprehensive features
Multi-Port Interfaces	Multiple network interfaces and optional wireless connectivity enable data segmentation for compliance and flexible deployment

Enterprise-Class Protection that's Easy to Deploy and Manage

- 1.5 Gbps throughput performance ensures your network security won't be a bottleneck

- Integrated switch and options for PoE simplify your network infrastructure

- Up to 2x WAN, 7x LAN and 1x DMZ interface ports (2x Power over Ethernet ports on PoE models)

- 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

ICSA labs CERTIFIED ANTI-VIRUS   ICSA labs CERTIFIED FIREWALL-CORPORATE   ICSA labs CERTIFIED IPSEC-BASIC

ICSA labs CERTIFIED SSL VPN   ICSA labs CERTIFIED NETWORK IPS

FortiCare Worldwide 24x7 Support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

HARDWARE

FortiGate 60D

Interfaces

1. Console Port
2. USB Management Port for FortiExplorer
3. USB Port
4. 2x GE RJ45 WAN Ports
5. 1x GE RJ45 DMZ Ports
6. 7x GE RJ45 Internal Ports /
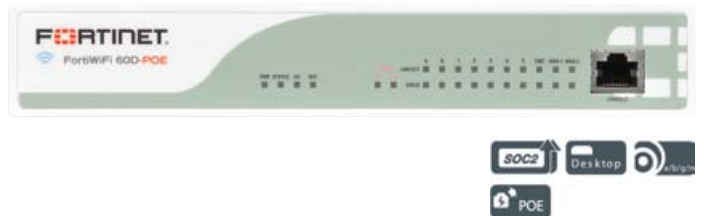   5x GE RJ45 Internal and 2x GE PoE Ports on POE models

FortiWiFi 60D

FortiGate 60D-POE

FortiWiFi 60D-POE

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 Series includes a USB port that allows you to plug in a compatible third-party 3G/4G USB modem, providing 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 for regulated 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.

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.

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.

FortiOS Dashboard — Single Pane of Glass Management

ORDER INFORMATION

Product	SKU	Description
FortiGate 60D	FG-60D	10x GE RJ45 ports (including 7x Internal ports, 2x WAN ports, 1x DMZ port). Maximum managed FortiAPs (Total / Tunnel) 10 / 5.
FortiWiFi 60D	FWF-60D	10x GE RJ45 ports (including 7x Internal ports, 2x WAN ports, 1x DMZ port), Wireless (802.11a/b/g/n). Maximum managed FortiAPs (Total / Tunnel) 10 / 5.
FortiGate 60D-POE	FG-60D-POE	10x GE RJ45 ports (including 5x Internal ports, 2x WAN ports, 1x DMZ port, 2x PoE ports). Maximum managed FortiAPs (Total / Tunnel) 10 / 5.
FortiWiFi 60D-POE	FWF-60D-POE	10x GE RJ45 ports (including 5x Internal ports, 2x WAN ports, 1x DMZ port, 2x PoE ports), Wireless (802.11a/b/g/n). Maximum managed FortiAPs (Total / Tunnel) 10 / 5.

SPECIFICATIONS

	FORTIGATE 60D	FORTIWIFI 60D	FORTIGATE 60D-POE	FORTIWIFI 60D-POE
Hardware Specifications				
GE RJ45 WAN Ports	2	2	2	2
GE RJ45 Internal Ports	7	7	5	5
GE RJ45 PoE Ports	–	–	2	2
GE RJ45 DMZ Ports	1	1	1	1
Wireless Interface	–	802.11 a/b/g/n	–	802.11 a/b/g/n
USB Ports (Client / Server)	1 / 1	1 / 1	1 / 1	1 / 1
Console (RJ45)	1	1	1	1
System Performance				
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	1.5 / 1.5 / 1.5 Gbps			
Firewall Latency (64 byte UDP packets)	4 µs			
Firewall Throughput (Packets 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 packets)	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 Maximum)	100			
IPS Throughput	200 Mbps			
CAPWAP Clear-text Throughput (HTTP)	175 Mbps			
Antivirus Throughput (Proxy Based / Flow Based)	35 / 50 Mbps			
Virtual Domains (Default / Maximum)	10 / 10			
Maximum Number of FortiAPs (Total / Tunnel Mode)	10 / 5			
Maximum Number of FortiTokens	100			
Maximum Number of Registered FortiClients	200			
High Availability Configurations	Active / Active, Active / Passive, Clustering			
Dimensions				
Height x Width x Length (inches)	1.50 x 8.50 x 5.83	1.50 x 8.50 x 6.18	1.50 x 8.50 x 5.83	1.50 x 8.50 x 6.18
Height x Width x Length (mm)	38 x 216 x 148	38 x 216 x 157	38 x 216 x 148	38 x 216 x 157
Weight	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)
Form Factor	Desktop	Desktop	Desktop	Desktop
Environment				
Power Required	100–240V AC, 50–60 Hz			
Maximum Current	110 V / 1.5 A, 220 V / 0.75 A	110 V / 1.5 A, 220 V / 0.75 A	110 V / 1.5 A, 220 V / 0.75 A	110 V / 1.5 A, 220 V / 0.75 A
Total Available PoE Power Budget*	–	–	30.8 W	30.8 W
Power Consumption (Average / Maximum)	11.7 / 14 W	11.7 / 14 W	27.4 / 45.2 W	29.9 / 48.2 W
Heat Dissipation	40 BTU/h	40 BTU/h	154 BTU/h	165 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)			
Compliance				
Safety	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB			
Certifications				
	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN			

Note: All performance values are "up to" and vary depending on system confguration. Antivirus performance is measured using 44 Kbyte HTTP files. IPS performance is measured using 1 Mbyte HTTP files.
* Maximum loading on each PoE port is 15.4 W (802.3af).

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