

# FortiGate/FortiWiFi®-60D Series

## Integrated Threat Management for Frontline Locations

The FortiGate/FortiWiFi-60D series security appliances deliver comprehensive enterprise-class protection for smaller locations, branch offices, customer premise equipment (CPE) and retail networks. Building on the foundation of the FortiASIC System on a Chip 2 (SOC2) they provide an integrated set of essential security technologies to protect all of your applications and data.

### Advanced Protection and Optional Wireless Capability

FortiGate/FortiWiFi-60D series appliances give you the ability to deploy the most advanced threat protection in the industry, including firewall, IPS, application control, VPN, and web filtering all at a single low price. Simple per-device pricing, an integrated management console, a range of interface options as well as remote management capabilities significantly reduce procurement, deployment and administrative costs.

The patent-pending client reputation feature gives you a cumulative security ranking of each device on your network based on a range of behaviors and provides specific, actionable information that enables organizations to identify compromised systems and potential zero-day attacks in real time. An advanced anti-malware detection system adds an on-device behavior-based heuristic engine and cloud-based threat detection services that include an operating system sandbox and botnet IP reputation database.

The FortiWiFi-60D is ideal for BYOD environments requiring integrated wireless access and next generation security. You can secure mobile devices by automatically identifying devices and applying specific access policies and security profiles according to the device type or device group, location and usage.

### 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

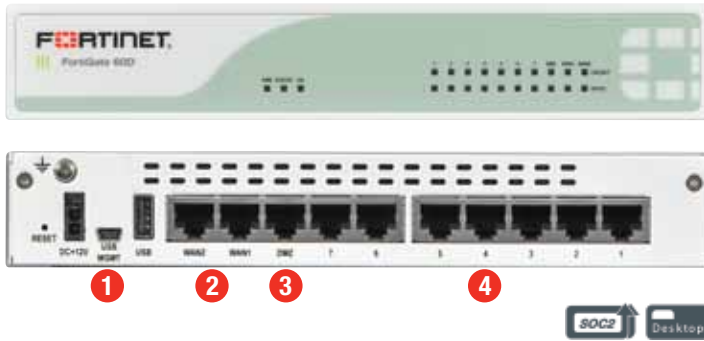
### Enterprise-class Protection for Smaller Locations

- 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



# HARDWARE

## FortiGate-60D



- 1 USB Management Port for FortiExplorer
- 2 2 x 10/100/1000 WAN Interfaces
- 3 1 x 10/100/1000 DMZ Interface
- 4 7 x 10/100/1000 Internal Interfaces

## FortiWiFi-60D



*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 3rd 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 speed 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

## Complete and Real-time Security

Fortinet designed FortiOS to deliver the advanced protection and performance that standalone products simply cannot match. The integrated technologies work together as a system to provide better visibility and mitigation of the latest network and application threats, stopping attacks before damage can occur. FortiGuard Subscription Services provide automated, real-time, up-to-date protection against security threats.

## 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.

## Unique Visibility and Control

FortiOS gives you greater visibility and more consistent, granular control over users, devices, applications and data. Dashboard widgets allow administrators to quickly view and understand real-time network activities and threat situations while reputation-based analysis quickly identifies potentially compromised systems.

## Ease of Use

FortiOS lowers costs and reduces IT staff workloads. Physical or virtual FortiGate appliances give you the flexibility to match your security to your environment while enforcing a uniform security policy. Single pane of glass management and centralized analysis ensure consistent policy creation and enforcement while minimizing deployment and configuration challenges.

## PCI Compliance Out-of-the-Box

Fortinet simplifies your network security assessment-ready PCI compliance without sacrificing performance. Retail, health care, and other affected industries can ease the process of PCI DSS assessment-readiness with an ISO security framework and unified threat management approach.

## 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



## FortiOS - The World's Most Advanced Security Operating System

- Client reputation measurements to identify compromised systems in real time
- On-device behavior-based heuristic engine for protection against advanced threats
- Cloud-based threat protection with operating system sandbox
- Mobile device identification that lets you apply specific access policies to smartphones and tablets
- Next Generation Firewall functions, including Application Control and IPS
- Data Loss Prevention to protect critical information
- Web filtering to prevent access to malicious or inappropriate web sites
- Web-based GUI, 'single pane of glass' management console and on-board reporting for unmatched visibility and control

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

# SPECIFICATIONS

	FORTIGATE-60D	FORTIWIFI-60D
<b>Hardware Specifications</b>		
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	
<b>System Performance</b>		
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 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	5	
Max Number of FortiTokens	100	
Max Number of Registered FortiClients	200	
High Availability Configurations	Active / Active, Active / Passive, Clustering	
<b>Dimensions</b>		
Height x Width x Length	1.50 x 8.50 x 5.83 in (38 x 216 x 148 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 157 mm)
Form Factor	Desktop	
Weight	1.9 lbs (0.9 kg)	
<b>Environment</b>		
Power Required	100-240 VAC, 50-60 Hz	
Power Consumption (Avg / Max)	11.7 / 14 W	
Heat Dissipation	40 BTU/h	
Operating Temperature	32 - 104 °F (0 - 40 °C)	
Storage Temperature	-13 - 158 °F (-25 - 70 °C)	
Humidity	20 to 90% non-condensing	
<b>Compliance</b>		
	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB	
<b>Certifications</b>		
	ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN	

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.

# ORDER INFORMATION

SKU	Description
FG-60D	10 x GE RJ45 ports (including 7 x Internal Ports, 2 x WAN Ports, 1 x DMZ Port)
FWF-60D	10 x GE RJ45 ports (including 7 x Internal Ports, 2 x WAN Ports, 1 x DMZ Port), Wireless (802.11a/b/g/n)



#### GLOBAL HEADQUARTERS

Fortinet Inc.  
1090 Kifer Road  
Sunnyvale, CA 94086  
United States  
Tel: +1.408.235.7700  
Fax: +1.408.235.7737

#### EMEA SALES OFFICE

120 rue Albert Caquot  
06560, Sophia Antipolis,  
France  
Tel: +33.4.8987.0510  
Fax: +33.4.8987.0501

#### APAC SALES OFFICE

300 Beach Road #20-01  
The Concourse  
Singapore 199555  
Tel: +65.6513.3730  
Fax: +65.6223.6784

#### LATIN AMERICA SALES OFFICE

Prol. Paseo de la Reforma 115 Int. 702  
Col. Lomas de Santa Fe,  
C.P. 01219  
Del. Alvaro Obregón  
México D.F.  
Tel: 011-52-(55) 5524-8480

Copyright© 2013 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, and FortiGuard®, are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance metrics contained herein were attained in internal lab tests under ideal conditions, and performance may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to the performance metrics herein. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any guarantees. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable. Certain Fortinet products are licensed under U.S. Patent No. 5,623,600.