

# 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

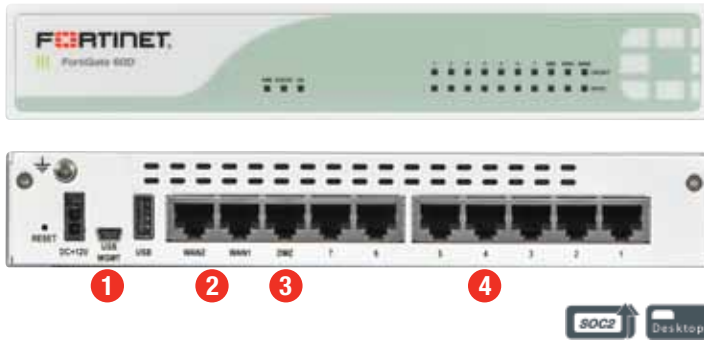
### Enterprise-class Protection for Smaller Locations

- 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

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

### • Feature Select

Instantly fine-tunes the FortiGate based on desired deployment needs 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	FG-60D	10 x GE RJ45 ports (including 7 x Internal Ports, 2 x WAN Ports, 1 x DMZ Port)
FortiWiFi-60D	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)

# 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 (Tunnel / Local Bridge)		5 / 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		-31 - 158 °F (-35 - 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.



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