

FortiGate/FortiWiFi®-60C Series

Integrated Threat Management for Frontline Locations

Enterprise-Class Protection for Remote Offices, Retail, and Customer Premise Equipment

FortiGate/FortiWiFi-60C series of consolidated security appliances deliver comprehensive enterprise-class protection for smaller locations, branch offices, customer premise equipment (CPE) and retail networks. An integrated set of essential security technologies deployed in a single device protects all of your applications and data. Simple per-device pricing, an integrated management console, and remote management capabilities significantly reduce your procurement, deployment and administration costs.

Comprehensive Protection and Optional Wireless Capability

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.

FortiWiFi-60C/CM/CX appliances deliver the protection and performance you need with the convenience of wireless networking. Dual-band capabilities and support for 802.11a/b/g/n standards ensure compatibility with your existing network infrastructure. Multiple SSID support allows you to create multiple wireless access networks, enabling unencrypted guest or contractor access to the Internet while limiting access to corporate networks.

Compact yet robust security appliances

- 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
- Purpose-built FS1 SoC processor delivers Gigabit firewall throughput
- FortiExplorer setup utility provides easy setup and configuration
- Backed by Fortinet’s global FortiCare technical support and FortiGuard threat research teams for around-the-clock protection and support

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/ADSL connectivity enables flexible deployment and improves protection with multiple security zones



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Worldwide 24x7 Support
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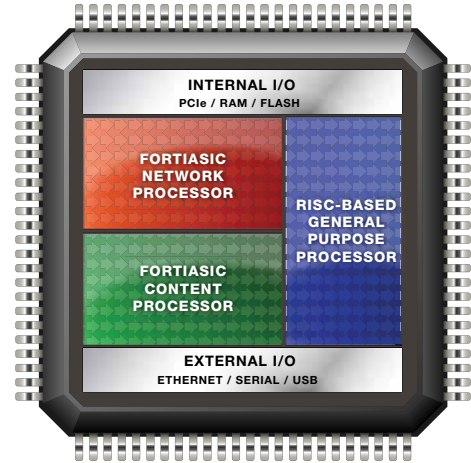


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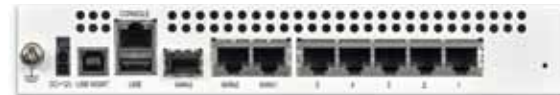
The Fortinet FS1 System-on-a-Chip

The FortiGate/FortiWiFi-60C series represent a new generation of desktop network security appliances from Fortinet, and include the first Fortinet System-on-a-chip (SoC), the FS1. Integrating FortiASIC acceleration logic together with a RISC-based main processor and other system components, the FS1 SoC simplifies appliance design and enables breakthrough performance for smaller networks.

The FS1 and resulting FortiGate/FortiWiFi-60C series appliances allow large distributed enterprises to provide integrated, multi-threat protection across all points on their network without sacrificing performance.



FortiGate-60C



FortiGate-60C-SFP



FortiWiFi-60C

(Wireless antennas not shown)



FortiWiFi-60CM

(Wireless antennas not shown)



FortiWiFi-60CX-ADSL-A

(Wireless antennas not shown)



FortiGate-60C-POE



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-60C	FORTIGATE-60C-SFP	FORTIGATE-60C-POE	FORTIWIFI-60C	FORTIWIFI-60CM	FORTIWIFI-60CX-ADSL-A
Hardware Specifications						
10/100/1000 WAN Interfaces (RJ45)	2	2	1	2	2	2
10/100/1000 Switch Interfaces (RJ45)	5	5	-	5	5	4
GbE SFP WAN Interfaces	-	1	-	-	-	-
10/100/1000 POE+ / POE Switch Interfaces (RJ45)	-	-	4 / 20	-	-	-
10/100 Switch Interfaces (RJ45)	-	-	-	-	-	4
10/100/1000 DMZ Interfaces (RJ45)	1	-	-	1	1	-
ADSL2+ Annex A Interface	-	-	-	-	-	1
Wireless Interface	-	-	-	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
Modem Port	-	-	-	-	1	-
Management Console Interface (RJ45)	-	-	-	1	-	-
USB Interfaces (Client / Server)	1 / 1	1 / 1	1 / 0	1 / 1	1 / 1	1 / 1
ExpressCard Slot	1	-	-	1	1	1
Storage	8 GB					
System Performance						
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	1 / 1 / 1 Gbps					
Firewall Latency (64 byte UDP packets)	4 µs					
Firewall Throughput (Packets Per Second)	1.5 Mpps					
Concurrent Sessions (TCP)	400,000					
New Sessions/Sec (TCP)	3,000					
Firewall Policies	5,000					
IPSec VPN Throughput (512 byte packets)	70 Mbps					
Gateway-to-Gateway IPSec VPN Tunnels	50					
Client-to-Gateway IPSec VPN Tunnels	500					
SSL-VPN Throughput	19 Mbps					
Concurrent SSL-VPN Users (Recommended Max)	100					
IPS Throughput	135 Mbps					
Antivirus Throughput (Proxy Based / Flow Based)	20 / 40 Mbps					
Virtual Domains (Max / Default)	10 / 10					
Max Number of FortiAPs	5					
Max Number of FortiTokens	100					
High Availability Configurations	Active / Active, Active / Passive, Clustering					
Unlimited User Licenses	Yes					
Dimensions						
Height x Width x Length (in)	1.50 x 8.50 x 5.83 in (38 x 216 x 148 mm)	1.50 x 8.50 x 5.91 in (38 x 216 x 15 mm)	1.75 x 17.32 x 12.28 in (44 x 440 x 312 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 15 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 15 mm)	1.75 x 13.56 x 8.27 in (44 x 344 x 210 mm)
Weight	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	10.2 lbs (4.7 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)
Environment						
Power Required	100-240 VAC, 50-60 Hz					
Power Consumption (Avg / Max)	11 / 13 W	11 / 13 W	263 / 310 W	11 / 13 W	11 / 13 W	11 / 13 W
PoE Power Budget	-	-	185 W	-	-	-
Heat Dissipation	49 BTU/h	49 BTU/h	1058 BTU/h	49 BTU/h	49 BTU/h	49 BTU/h
Operating Temperature	32 - 104 °F (0 - 40 °C)					
Storage Temperature	-13 - 158 °F (-25 - 70 °C)					
Humidity	20 to 90% non-condensing					
Compliance						
FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB						
Certifications						
ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN; FIPS 140-2 Level 2 (hardware); CC EAL4+						

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-60C	(2) 10/100/1000 WAN ports, (1) 10/100/1000 DMZ port, (5) 10/100/1000 internal switch ports, (2) USB, ExpressCard slot, 8GB internal storage
FG-60C-SFP	Dual 10/100/1000 WAN ports, SFP port, 5 port 10/100/1000 internal switch
FG-60C-POE	24 x 10/100/1000 switch port with 1 x 10/100/1000 WAN port, with 20 x POE and 4 x POE+ injector ports
FWF-60C	Wireless (802.11a/b/g/n), Dual 10/100/1000 WAN ports, 10/100/1000 DMZ port, 5-port 10/100/1000 internal switch, Internal Storage and ExpressCard slot
FWF-60CM	FORTIWIFI-60CM Wireless (802.11a/b/g/n), dual 10/100/1000 WAN ports, 10/100/1000 DMZ port, 5 port 10/100/1000 internal switch, and ExpressCard slot, analog modem
FWF-60CX-ADSL-A	Wireless (802.11a/b/g/n), (2) 10/100/1000 WAN, (4) 10/100/1000 ports, 4-port 10/100 switch, with one ADSL2+ Annex A interface, 8GB storage, and one ExpressCard slot

FORTIWIFI-60C SERIES SKU SUFFIX

Region/Country	International	Korea	Japan	Configurable
SKU Suffix	-I	-K	-J	No Suffix
Frequency Range (GHz)	2.400 - 2.483 5.100 - 5.250	2.400 - 2.483 5.150 - 5.250 5.725 - 5.825	2.400 - 2.483 5.150 - 5.250 5.250 - 5.350* 5.470 - 5.725*	2.400 - 2.483 5.150 - 5.250 5.725 - 5.850

*Requires FortiOS 4.3.10 or later with DFS feature enabled



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