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. 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.

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.

Purpose-Built Performance and Reliability

Fortinet's purpose-built hardware and software prevent your network security from becoming your network bottleneck. Custom FortiASIC processors maximize throughput while blocking unauthorized access and eliminating unwanted traffic from your network. The purpose-built FortiOS operating system gives you unmatched flexibility to deploy the technology you need to enforce your security policies.

FortiGate/FortiWiFi-60C Series Benefits

- Comprehensive protection against network, content, and application-level threats
- Segmentation of internal traffic and full security for perimeter-bound traffic
- Fortinet's purpose-built FS1 SoC processor delivers Gigabit firewall throughput
- GbE switched internal ports with dedicated WAN and DMZ ports
- ADSL-A interface delivers high-speed consolidated DSL router and security gateway
- Internal storage enables local log records and graphical reports
- WAN optimization and web caching improve network performance
- ExpressCard support and USB-based wireless broadband allow fast deployment of secure networks
- FortiExplorer setup utility provides easy setup and configuration
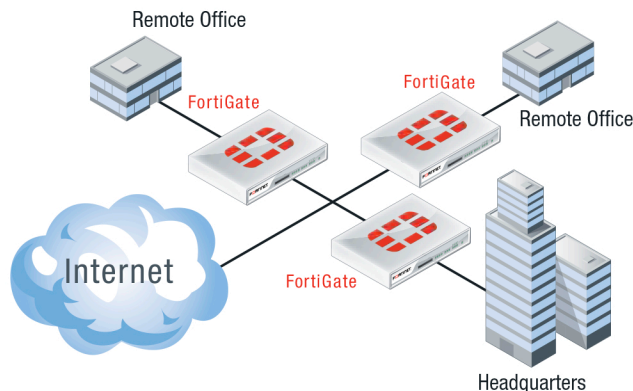
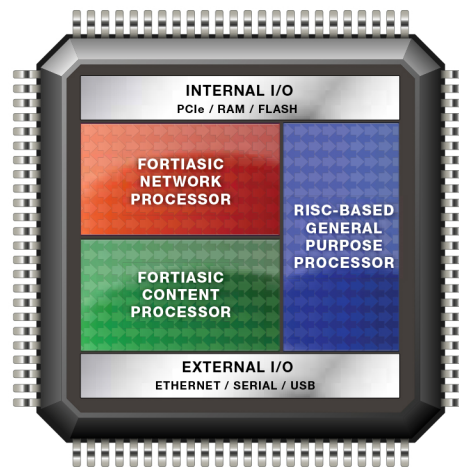FORTIGATE IN THE DISTRIBUTED ENTERPRISE

Industry Certifications

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.

INTERNAL I/O
PCIe / RAM / FLASH

FORTIASIC NETWORK PROCESSOR

RISC-BASED GENERAL PURPOSE PROCESSOR

FORTIASIC CONTENT PROCESSOR

EXTERNAL I/O
ETHERNET / SERIAL / USB

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)

FortiGuard® Security Subscription Services deliver dynamic, automated updates for Fortinet products. The Fortinet Global Security Research Team creates these updates to ensure up-to-date protection against sophisticated threats. Subscriptions include antivirus, intrusion prevention, web filtering, antispam, vulnerability management, application control, and database security services.

FortiCare™ Support Services provide global support for all Fortinet products and services. FortiCare support enables your Fortinet products to perform optimally. Support plans start with 8x5 Enhanced Support with return and replace hardware support or 24x7 Comprehensive Support with advanced hardware replacement. Options include Premium Support, Premium RMA, and Professional Services. All hardware products include a 1-year limited hardware warranty and a 90-day limited software warranty.

Technical Specifications	FortiGate-60C	FortiGate-60C-SFP	FortiWiFi-60C	FortiWiFi-60CM	FortiWiFi-60CX-ADSL-A
Interfaces					
10/100/1000 Internal Switch Interfaces (RJ-45)	5	5	5	5	4
10/100 Internal Switch Interfaces (RJ-45)	-	-	-	-	4
10/100/1000 WAN Interfaces (RJ-45)	2	2	2	2	2
GbE SFP WAN Interfaces		1			
10/100/1000 DMZ Interfaces (RJ-45)	1	0	1	1	-
Modem Port	-	-	-	1	-
ADSL2+ Annex A Interface	-	-	-	-	1
Management Console Interface (RJ-45)			1		
USB Interfaces (Client / Server)			1 / 1		
ExpressCard Slot	1	-	1	1	1
Internal Storage			8 GB		
Wireless Standards Supported	-	-	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
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 (System / VDOM)			5,000 / 500		
IPSec VPN Throughput (512 byte packets)			70 Mbps		
Gateway-to-Gateway IPSec VPN Tunnels (System / VDOM)			50 / 50		
Client-to-Gateway IPSec VPN Tunnels			500		
SSL-VPN Throughput			15 Mbps		
Concurrent SSL-VPN Users (Recommended Max)			60		
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			500		
High Availability Configurations			Active/Active, Active/Passive, Clustering		
Unlimited User Licenses			Yes		
Dimensions					
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 5.91 in (38 x 216 x 150 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 157 mm)		1.75 x 13.56 x 8.27 in (44 x 344 x 210 mm)
Weight	1.9 lbs (0.9 kg)				4.7 lbs (2.1 kg)
Wall Mountable	Yes				No
Power and Environment					
Power Required			100-240 VAC, 50-60 Hz		
Power Consumption (AVG)	15.7 W	13.3W	19 W	11.6 W	19.7 W
Heat Dissipation	53.6 BTU/hr	45.4 BTU/hr	64.8 BTU/hr	47.5 BTU/hr	81.9 BTU/hr
Operating Temperature / Storage Temperature			32 – 104 deg F (0 – 40 deg C) / -13 – 158 deg F (-25 – 70 deg C)		
Humidity			20 to 90% non-condensing		
Compliance					
Industry Certifications			ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN		
Safety Certifications			FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB		

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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SERVICE S.A.C.
Consultoria & Soporte Tecnológico Empresarial

Ordering 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 WAN ports, SFP port, 5 port 10/100/1000 internal switch
FWF-60C	Wireless (802.11a/b/g/n), (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
FWF-60CM	Wireless (802.11a/b/g/n), (2) 10/100 WAN ports, (1) 10/100 DMZ port, (5) 10/100/1000 internal switch ports, (1) ExpressCard slot, analog modem port
FWF-60CX-ADSL-A	Wireless (802.11a/b/g/n), (2) 10/100/1000 WAN ports, (4) 10/100/1000 ports, 4-port 10/100 internal switch, (1) ADSL2+ Annex A interface, ExpressCard slot, 8GB local storage

FortiWiFi-60C Series Region/Country SKU Suffix Information

Region/Country	International	Korea	Japan	Configurable
SKU Suffix	-I	-K	-J	No Suffix
Frequency Range (GHz)	2.400 - 2.483 5.150 - 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.