FortiGate/FortiWiFi®-20C Series

Consolidated Security Desktop Appliances

The FortiGate/FortiWiFi®-20C series of consolidated security appliances integrate comprehensive security functions with enterprise-grade performance. You can protect small locations against today's network, content, and application-level threats at an entry-level price.

Consolidated Security Solutions

FortiGate/FortiWiFi-20C 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. 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 identity 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. You can also secure mobile devices and BYOD environments by automatically identifying devices and applying specific access policies and security profiles according to the device type or device group, location and usage.

The FortiGate/FortiWiFi-20C series combines the purpose-built FortiOS™ operating system with the Fortinet System-on-a-Chip (SOC) purpose-built processor, delivering unmatched price and performance advantages. Available FortiGuard® security subscription services deliver dynamic, automated updates and ensure up-to-date protection against sophisticated threats.

Compact yet robust security appliances

- Ideal for small businesses, small branch offices and retail locations, home offices and customer premise equipment (CPE) with differentiated security services for Service Providers

- 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

- Powered by FortiASIC SOC that delivers outstanding firewall & VPN performance

- Backed by Fortinet's global FortiCare technical support and FortiGuard threat research teams for around-the-clock protection and support

ICSAlabs CERTIFIED FIREWALL-CORPORATE

ICSAlabs CERTIFIED SSL VPN

ICSAlabs CERTIFIED IPSEC-BASIC

ICSAlabs CERTIFIED ANTI-VIRUS

ICSAlabs CERTIFIED NETWORK IPS

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

FortiCare
Worldwide 24x7 Support
support.fortinet.com

FortiGuard
Threat Research & Response
www.fortiguard.com

www.fortinet.com

HARDWARE

FortiWiFi-20C

FortiGate-20C-ADSL-A

FortiWiFi-20C-ADSL-A
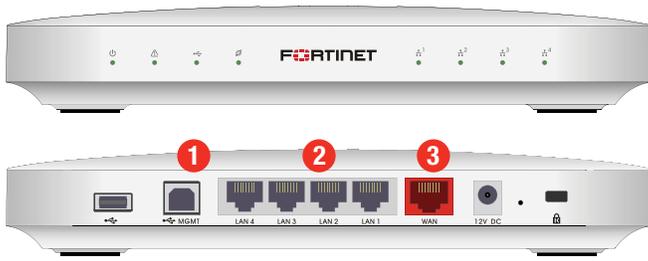
FortiGate-20C

1 USB Management Port for FortiExplorer
2 4x GbE Copper LAN Ports
3 1x GbE Copper WAN Port

Powered by FortiASIC SOC

- 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-20C 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-20C and FortiWiFi-20C-ADSL-A and provides speedy 802.11n coverage on both 2.4 GHz and 5GHz bands. The dual-band chipset addresses the PCI-DSS compliance requirement for rogue AP wireless scanning, providing maximum protection for regulated environments.

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-20C	FORTIGATE-20C-ADSL-A	FORTIWIFI-20C	FORTIWIFI-20C-ADSL-A
Hardware Specifications				
10/100/1000 Interfaces (Switched)	4	4	4	4
10/100/1000 Interface	1	-	1	-
ADSL2+ Annex A Interface[1]	-	1	-	1
Wireless Interface	-	-	802.11 a/b/g/n	802.11 a/b/g/n
USB (Client / Server)		1 / 1		
System Performance				
Firewall Throughput (1518 / 512 / 64 byte UDP packets)		20 / 20 / 20 Mbps		
Firewall Latency (64 byte UDP packets)		6 µs		
Firewall Throughput (Packets Per Second)		30 Kpps		
Concurrent Sessions (TCP)		10,000		
New Sessions/Sec (TCP)		1,000		
Firewall Policies		5,000		
IPSec VPN Throughput (512 byte packets)		20 Mbps		
Gateway-to-Gateway IPSec VPN Tunnels		5		
Client-to-Gateway IPSec VPN Tunnels		5		
SSL-VPN Throughput		15 Mbps		
Concurrent SSL-VPN Users (Recommended Max)		50		
IPS Throughput		20 Mbps		
Antivirus Throughput (Proxy Based / Flow Based)		12 / 20 Mbps		
Max Number of FortiTokens		20		
Unlimited User Licenses		Yes		
Dimensions				
Height x Width x Length		1.38 x 8.46 x 7.09 in (35 x 215 x 180 mm)		
Form Factor		Desktop		
Weight		1 lbs (0.5 kg)		
Environment				
Power Required		100-240 VAC, 50-60 Hz		
Power Consumption (Avg / Max)		11 / 13 W		
Heat Dissipation		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		

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.

[1] Complies with ANSI T1.413 issue 2; Supports ITU G.992.1 (ADSL/G.DMT), G.992.3 (ADSL2/G.DMT.bis), and G.992.5 (ADSL2+/G.DMT.bis+)

ORDER INFORMATION

SKU	Description
FG-20C	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports)
FG-20C-ADSL-A	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports), 1 x ADSL2/2+ (Annex A) Port
FWF-20C	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports), Wireless (802.11a/b/g/n, dual-band, dual stream, 2x2 MIMO)
FWF-20C-ADSL-A	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports), 1 x ADSL2/2+ (Annex A) Port, Wireless (802.11a/b/g/n, dual-band, dual stream, 2x2 MIMO)

FÜRTINET®

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