FORTINET.

FortiGate®/FortiWiFi™
High Performance UTM
for Small Networks

FortiGate/FortiWiFi

FortiGate 92D and FortiWiFi 92D

The FortiGate/FortiWiFi 92D is a compact, cost-effective, all-in-one security appliance that delivers Fortinet's Connected UTM. Ideal for small business, remote, customer premise equipment (CPE) and retail networks, these appliances offer the network security, connectivity and performance you need.

High Performance Network Security

Built on the foundation FortiOS 5, the FortiGate/FortiWiFi 92D provides an integrated set of essential security technologies to protect all of your applications and data. You get advanced threat protection including firewall, application control, IPS, VPN, and web filtering, all from one device that's easy to deploy and manage. With our FortiGuard® security subscription services you'll have automated protection against today's sophisticated threats.

Advanced Features

The FortiGate/FortiWiFi 92D offers beyond the industry's best firewall with the latest in Advanced Threat Protection including Sandboxing and anti-bot protection, Feature Select Options for simplifying configurations and deployments, and Contextual Visibility for enhanced reporting and management.

VDOMs on the FortiGate/FortiWiFi 92D let you segment networks to enable guest and employee access, or protect things like cardholder data. You get the flexibility to match your business needs and meet compliance standards like PCI and HIPAA.

Highlights

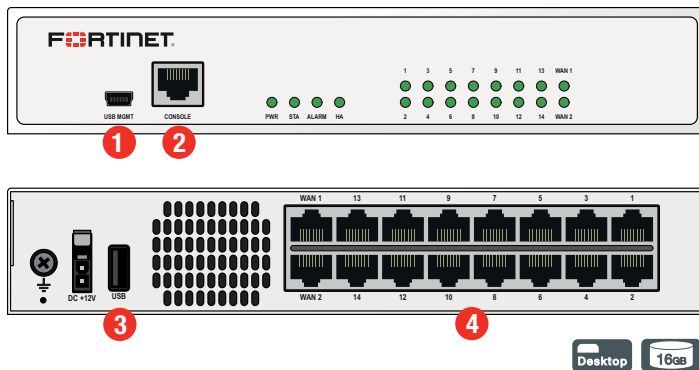| Firewall Performance	IPS Performance	Interfaces
2.0 Gbps	950 Mbps	Multiple GE RJ45

Features & Benefits

- High performance UTM — firewall, VPN, IPS, application control, web filtering, antivirus, antispam, DLP and more

- Runs on FortiOS 5 — the most powerful security operating system in the world delivers more protection for fighting advanced threats and visibility with deep contextual information

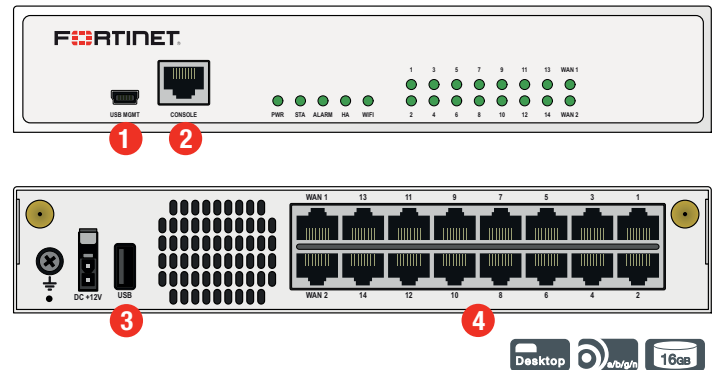- Reliable internal storage for logging, reporting, web caching and WAN optimization

ICSAlabs CERTIFIED ANTI-VIRUS   ICSAlabs CERTIFIED FIREWALL - CORPORATE   ICSAlabs CERTIFIED IPSEC - BASIC

ICSAlabs CERTIFIED SSL VPN   ICSAlabs CERTIFIED NETWORK IPS

FortiCare Worldwide 24x7 Support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

HARDWARE

FortiGate 92D

FortiWiFi 92D

Interfaces

1.	USB Management Port
2.	Console Port
3.	USB Port
4.	16x GE RJ45 Ports

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Install in Minutes with FortiExplorer

The FortiExplorer™ wizard enables you to easily and quickly set up and configure FortiGate 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 92D includes USB ports that allow you to plug in a compatible third-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 simply place the FortiGate/FortiWiFi 92D on a desktop. 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 92D and provides speedy 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.

Built-in Fan

The FortiGate/FortiWiFi 92D comes with a built-in fan for additional reliability and is suitable for enclosed environment.

SOFTWARE
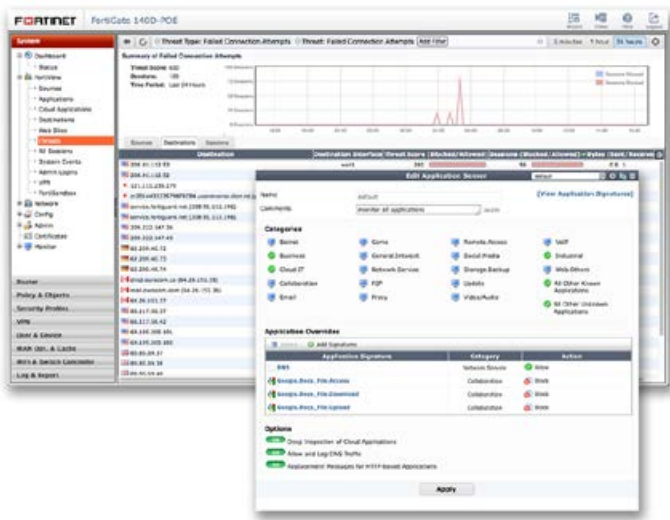
FortiOS Managment UI — FortiView and Application Control Panel

FortiOS

FortiOS helps you protect your organization against advanced threats, configure and deploy your network security faster and see deep into what's happening inside your network. It enables organization to set up policies specific to types of devices, users and applications with industry-leading security capabilities. FortiOS leverages custom FortiASICs and the Optimum Path Processing architecture of FortiGate to deliver 5 times faster throughput performance. In essence, FortiOS delivers:

- **Comprehensive Security** — Control thousands of applications and stop more threats with NSS Labs Recommended IPS, sandboxing, VB100 certified antimalware and more.

- **Superior Control and Visibility** — Stay in control with rich visibility over network traffic, granular policy control, and intuitive, scalable security and network management.

- **Robust Networking Capabilities** — Optimize your network with extensive switching and routing, high availability, WAN optimization, embedded WiFi controller, and a range of virtual options.

For more information, please refer to the FortiOS data sheet available at www.fortinet.com

SERVICES

FortiGuard™ Security Services

FortiGuard Labs offers real-time intelligence on the threat landscape, delivering comprehensive security updates across the full range of Fortinet's solutions. Comprised of security threat researchers, engineers, and forensic specialists, the team collaborates with the world's leading threat monitoring organizations, other network and security vendors, as well as law enforcement agencies:

- **Real-time Updates** — 24x7x365 Global Operations research security intelligence, distributed via Fortinet Distributed Network to all Fortinet platforms.

- **Security Research** — FortiGuard Labs have discovered over 170 unique zero-day vulnerabilities to date, totaling millions of automated signature updates monthly.

- **Validated Security Intelligence** — Based on FortiGuard intelligence, Fortinet's network security platform is tested and validated by the world's leading third-party testing labs and customers globally.

For more information, please refer to
http://forti.net/guard

FortiCare™ Support Services

Our FortiCare customer support team provides global technical support for all Fortinet products. With support staff in the Americas, Europe, Middle East and Asia, FortiCare offers services to meet the needs of enterprises of all sizes:

- **Enhanced Support** — For customers who need support during local business hours only.

- **Comprehensive Support** — For customers who need around-the-clock mission critical support, including advanced exchange hardware replacement.

- **Premium Services** — For global or regional customers who need an assigned Technical Account Manager, enhanced service level agreements, extended software support, priority escalation, on-site visits and more.

- **Professional Services** — For customers with more complex security implementations that require architecture and design services, implementation and deployment services, operational services and more.

For more information, please refer to
http://forti.net/care

SPECIFICATIONS

	FORTIGATE 92D	FORTIWIFI 92D
Hardware Specifications		
GE RJ45 Ports	16	16
USB Ports	2	2
Console (RJ45)	1	1
Wireless Interface	–	802.11 a/b/g/n
Internal Storage	16 GB	16 GB
System Performance		
Firewall Throughput	2.0 Gbps	
Firewall Latency (64 byte UDP Packets)	46 µs	
Firewall Throughput (Packets Per Second)	300 Kpps	
Concurrent Sessions (TCP)	1.5 Million	
New Sessions/Second (TCP)	22,000	
Firewall Policies	5,000	
IPSec VPN Throughput (512 byte Packets)	130 Mbps	
Gateway-to-Gateway IPSec VPN Tunnels	200	
Client-to-Gateway IPSec VPN Tunnels	1,000	
SSL-VPN Throughput	170 Mbps	
Concurrent SSL-VPN Users (Recommended Maximum)	200	
IPS Throughput	950 Mbps	
Antivirus Throughput	300 Mbps	
CAPWAP Clear-text Throughput (HTTP)	1.78 Gbps	
Virtual Domains (Default / Maximum)	10 / 10	
Maximum Number of FortiAPs (Total / Tunnel Mode)	32 / 16	
Maximum Number of FortiTokens	100	
Maximum Number of Registered FortiClients	200	
High Availability Configurations	Active / Active, Active / Passive, Clustering	

	FORTIGATE 92D	FORTIWIFI 92D
Dimensions		
Height x Width x Length (inches)	1.61 x 7.05 x 8.50	
Height x Width x Length (mm)	41 x 179 x 216	
Form Factor	Desktop	
Weight	1.36 lbs (3.0 kg)	
Environment		
Power Required	100–240V AC, 50–60 Hz	
Maximum Current	110V / 2.54A, 220V / 1.27A	
Power Consumption (Average / Maximum)	27.7 W / 36.4 W	
Heat Dissipation	124.2 (BTU/h)	
Operating Temperature	32–104°F (0–40°C)	
Storage Temperature	-31–158°F (-35–70°C)	
Humidity	20–90% non-condensing	
Noise Level	38.8 at 25°C @ 1m (Maximum: 40 dB at 25°C)	
Operating Altitude	Up to 7,400 ft (2,250 m)	
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. IPSec VPN performance is based on 512 byte UDP packets using AES-256+SHA1. Firewall Throughput performance is measured using UDP 1518 Bytes based on RFC 2544. Antivirus Throughput is measured in proxy mode.

ORDER INFORMATION

Product	SKU	Description
FortiGate 92D	FG-92D	16x GE RJ45 ports (2x WAN ports, 14x Switch ports), 16 GB onboard storage. Maximum managed FortiAPs (Total / Tunnel) 32 / 16.
FortiWiFi 92D	FWF-92D	16x GE RJ45 ports (2x WAN ports, 14x Switch ports), Wireless (802.11a/b/g/n), 16 GB onboard storage. Maximum managed FortiAPs (Total / Tunnel) 32 / 16.
Accessories/Spares		
Rack Mount Tray	SP-RACKTRAY-01	Rack mount tray for supported products.
AC Power Adapter	SP-FG92D-PDC	AC power adapter for FG/FWF-92D

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