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FortiGate® 80D
High Performance UTM
for Small Networks

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The FortiGate 80D is compact, cost effective, all-in-one security appliances that deliver 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 80D series 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, advanced threat protection, 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 80D 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 80D, 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.

With 16 GB of robust internal storage, the FortiGate 80D allows you to implement integrated WAN optimization and web caching to improve user productive when securely accessing remote applications and document.

Key Features & Benefits

Unified Security	Multi-threat protection from a single device increases security and lowers costs
Simplified Licensing	Unlimited user licensing and comprehensive features
Built-in Storage	Allows implementation of WAN optimization and web cache, as well as extensive internal logging and reporting

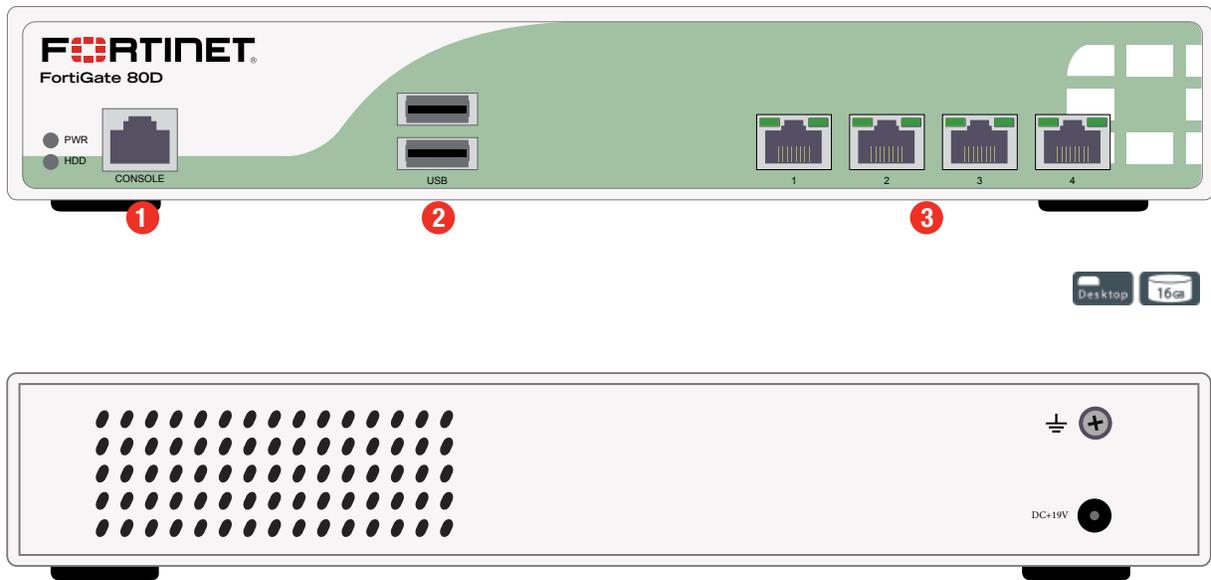*You get the flexibility to match your business needs and meet compliance standards like PCI and HIPAA.*

Enterprise-Class Protection that's Easy to Deploy and Manage

- 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

ICSA labs CERTIFIED ANTI-VIRUS   ICSA labs CERTIFIED FIREWALL-CORPORATE   ICSA labs CERTIFIED IPSEC-BASIC

ICSA labs CERTIFIED SSL VPN   ICSA labs CERTIFIED NETWORK IPS

FortiCare Worldwide 24x7 Support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

HARDWARE

FortiGate 80D

Interfaces

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

Install in Minutes with FortiExplorer

The FortiExplorer wizard enables easy setup and configuration coupled with easy-to-follow instructions. FortiExplorer runs on both Microsoft Windows and Mac OS X computers as well as popular mobile devices like Android and iOS. Using FortiExplorer is as simple as starting the application and connecting to the appropriate USB port on the FortiGate. By using FortiExplorer, you can be up and running and protected in minutes.

Wireless and 3G/4G WAN Extensions

The FortiGate supports external 3G/4G modems that allow additional or redundant WAN connectivity for maximum reliability. The FortiGate can also operate as a wireless access point controller to further extend wireless capabilities.

Compact and Reliable Form Factor

Designed for small environments, you can simply place the FortiGate 80D on a desktop. It is small, lightweight yet highly reliable with superior MTBF (Mean Time Between Failure), minimizing the chance of a network disruption.

HIGHLIGHTS

FortiOS — The World's Most Advanced Security Operating System

Feature Select
Instantly fine-tunes the FortiGate 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 Validated Best-in-Class Security

Our FortiGate appliances have earned more certifications than any other vendor by consistently and continually meeting rigorous third-party standards. Our many industry-leading security technologies such as firewall, IPS and antivirus provide organizations with air-tight security that you can safely depend on.

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 Protection

Fortinet's FortiGuard Subscription Services provide automated, real-time and up-to-date protection against the latest security threats. Our threat research teams are located worldwide, providing around-the-clock support and updates in order to respond to breaking threats and events.

World-Class Technical Support and Documentation

Fortinet's FortiCare support offerings provide comprehensive global support for all of your Fortinet products and services. If the need arises, our teams of support staff are available to assist you anytime day or night to give you the assurance that your Fortinet products are performing optimally and providing the protection your infrastructure, users, applications and data demand.

FortiOS Dashboard — Single Pane of Glass Management

SPECIFICATIONS

	FORTIGATE 80D
Hardware Specifications	
GE RJ45 Ports	4
USB Ports	2
Console (RJ45)	1
Internal Storage	16 GB
System Performance	
Firewall Throughput	1.3 Gbps
Firewall Latency (64 byte UDP packets)	90 µs
Firewall Throughput (Packets Per Second)	255 Kpps
Concurrent Sessions (TCP)	1.5 Million
New Sessions/Sec (TCP)	22,000
Firewall Policies	5,000
IPsec VPN Throughput (512 byte packets)	200 Mbps
Gateway-to-Gateway IPsec VPN Tunnels	200
Client-to-Gateway IPsec VPN Tunnels	1,000
SSL-VPN Throughput	130 Mbps
Concurrent SSL-VPN Users (Recommended Maximum)	200
IPS Throughput	800 Mbps
Antivirus Throughput (Proxy Based / Flow Based)	250 / 550 Mbps
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 80D
Environment	
Power Required	100–240V AC, 50–60 Hz
Maximum Current	110 V / 1.2 A, 220 V / 1.2 A
Power Consumption (Average / Maximum)	18 / 22 W
Heat Dissipation	74 BTU/h
Operating Temperature	32–104°F (0–40°C)
Storage Temperature	-31–158°F (-35–70°C)
Humidity	20–90% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	
Regulatory Compliance	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB
Certifications	
	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN
Dimensions	
Height x Width x Length (inches)	1.61 x 8.27 x 5.24
Height x Width x Length (mm)	41 x 210 x 133
Weight	2.3 lbs (1.1 kg)
Form Factor	Desktop

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.

ORDER INFORMATION

Product	SKU	Description
FortiGate 80D	FG-80D	4x GE RJ45 ports, 16 GB onboard storage, Maximum managed FortiAPs (Total / Tunnel) 32 / 16.
Optional Accessory		
Rack Mount Tray	SP-RACKTRAY-01	Rack mount tray for supported products.

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FG-80D-DAT-R4-201505