FORTINET®

FortiGate®-70D

Security Gateway for Distributed Branch Offices

The FortiGate-70D is a compact, all-in-one security appliance that delivers Fortinet's Connected UTM. Ideal for remote, customer premise equipment (CPE) and retail networks, these appliances offer the network security, connectivity, and performance you need with attractive TCO.

Advanced Protection

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 its comprehensive management console, remote provisioning and wide range of connectivity options you have an easy-to-deploy, easy-to-manage solution that's great for a centrally managed infrastructure.

Built on the foundation of the FortiASIC System on a Chip 2 (SoC2) and FortiOS 5, the FortiGate-70D series provides high performance firewall and VPN capabilities plus comprehensive complementary security technologies.

You'll also appreciate features like VDOMs for your distributed networks. VDOMs on the FortiGate-70D, let you segment networks to enable guest and employee access, or protect things like cardholder data to meet compliance standards like PCI and HIPAA.

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

- High Speed Firewall and VPN powered by FortiASIC SoC2

- Runs on FortiOS 5 – the most powerful security operating system in the world delivers more security to fight advanced threats, more control to users and devices, and more intelligence to build secure policies

- Simplify installations with FortiExplorer and Wizards

ICSA labs CERTIFIED ANTI-VIRUS   ICSA labs CERTIFIED NETWORK IPS

ICSA labs CERTIFIED SSL VPN   ICSA labs CERTIFIED FIREWALL-CORPORATE

ICSA labs CERTIFIED IPSEC-BASIC

Key Features & Benefits

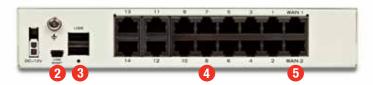|	
Unified Security	Multi-threat protection from a single device increases security and lowers costs for remote locations
Simplified Licensing	Unlimited user licensing and comprehensive features
High Port Density	16 x GE RJ45 interfaces provide you with the flexibility to implement security to suit your network requirements

HARDWARE

*Powered by
FortiASIC SOC2*

- 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

❶	Console Port
❷	USB Management Port
❸	2 x USB Ports
❹	14 x GE RJ45 Switch Ports
❺	2 x GE RJ45 WAN Ports

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-70D Series includes USB ports that allow 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.

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 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 which you can safely count 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 Security

Fortinet FortiGuard Subscription Services provide automated, real-time, up-to-date protection against the latest security threats. Our threat research labs are located worldwide, providing 24x7 updates when you most need it.

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

ORDER INFORMATION

Product	SKU	Description
FortiGate-70D	FG-70D	16x GE RJ45 ports, (including 2x WAN ports, 14x Switch ports), Max managed FortiAPs (Total / Tunnel) 32 / 16

SPECIFICATIONS

	FORTIGATE-70D
Hardware Specifications	
GbE RJ45 WAN Ports	2
GbE RJ45 Switch Ports	14
USB Ports (Client / Server)	1 / 2
Console (RJ45)	1
System Performance	
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	3.5 / 3.5 / 3.5 Gbps
Firewall Latency (64 byte UDP packets)	4 µs
Firewall Throughput (Packets Per Second)	5.3 Mpps
Concurrent Sessions (TCP)	2 Million
New Sessions/Sec (TCP)	4,000
Firewall Policies	5,000
IPSec VPN Throughput (512 byte packets)	1 Gbps
Gateway-to-Gateway IPSec VPN Tunnels	200
Client-to-Gateway IPSec VPN Tunnels	1,000
SSL-VPN Throughput	35 Mbps
Concurrent SSL-VPN Users (Recommended Max)	200
IPS Throughput	275 Mbps
Antivirus Throughput (Proxy Based / Flow Based)	35 / 65 Mbps
Virtual Domains (Default / Max)	10 / 10
Max Number of FortiAPs (Total / Tunnel Mode)	32 / 16
Max Number of FortiTokens	100
Max Number of Registered FortiClients	200
High Availability Configurations	Active / Active, Active / Passive, Clustering
Dimensions	
Height x Width x Length (in)	1.72 x 8.5 x 8.78 in
Height x Width x Length (mm)	44 x 216 x 223 mm
Form Factor	Desktop
Weight	3.5 lbs (1.6 kg)
Environment	
Power Required	100 - 240 VAC, 50 - 60 Hz
Max Current	110 V / 1.5 A, 220 V / 0.75 A
Power Consumption (AVG / Max)	17 / 21 W
Heat Dissipation	72 BTU / h
Operating Temperature	32 - 104 °F (0 - 40 °C)
Storage Temperature	-31 - 158 °F (-35 - 70 °C)
Humidity	20 to 90% non-condensing
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.