FortiGate® Multi-Threat Security

Firewall • VPN • Antivirus • Intrusion Prevention • Antispam • Web Filtering • Traffic Shaping

FORTINET®

MSSP AND LARGE ENTERPRISE SYSTEMS

Product (Chassis)	FW Throughput	IPSec VPN Throughput	Concurrent Sessions	New Sessions Per Sec	IPSec VPN Tunnels (Site-site)	AV, AS, Antimalware Throughput	IPS Throughput	Max Security Policies	Number of VDOMs	Network Interfaces	Chassis Slots / Max Security Blades	Power Source	Recommended Security Blades	Max Fabric Blades
FortiGate-5140 Chassis	Up to 182 Gbps	Up to 98 Gbps	Up to 28 M	Up to 700 K	Up to 896 K	Up to 7 Gbps	Up to 56 Gbps	1400 K	Up to 7000	See modules below	14 / 14	DC/AC	12	2
FortiGate-5050 Chassis	Up to 65 Gbps	Up to 35 Gbps	Up to 10 M	Up to 250 K	Up to 320 K	Up to 2.5 Gbps	Up to 20 Gbps	500 K	Up to 2500	See modules below	5 / 5	DC/AC	4	1
FortiGate-5020 Chassis	Up to 26 Gbps	Up to 14 Gbps	Up to 4 M	Up to 100 K	Up to 128 K	Up to 1 Gbps	Up to 8 Gbps	200 K	Up to 1000	See modules below	2 / 2	AC	2	0
FortiGate-5001A-SW / -DW Module	2 Gbps (6 - 13 Gbps w/ AMC)	800 Mbps (4 - 7 Gbps w/ AMC)	2 M	50 K	64 K	500 Mbps	2 Gbps (4 Gbps w/ AMC)	100 K	Up to 500	2 GigE 10/100/1000 port and Dual or Single Width AMC slot. Support RTM-XB2 module.				
FortiGate-5005FA2 Blade	5 Gbps	800 Mbps	1 M	30 K	64 K	300 Mbps	3 Gbps	100 K	Up to 500	6 GigE SFP ports and 2 FortiAccel SFP ports				
FortiGate-5001FA2 Blade	4 Gbps	600 Mbps	1 M	20 K	10 K	250 Mbps	2 Gbps	100 K	Up to 500	2 GigE SFP, 4 GigE 10/100/1000, and 2 FortiAccel SFP ports				
FortiGate-5001SX Blade	4 Gbps	600 Mbps	1 M	20 K	10 K	250 Mbps	2 Gbps	100 K	Up to 500	4-GigE SFP, 4-GigE 10/100/1000				
FortiSwitch-5003A Switch Fabric Blade	Delivers high availability 10GbE switching for FortiGate-5140 and -5050 chassis. FortiGate-5001A with RTM-XB2 is required for 10GbE switching across the backplane.									9-10GigE SFP+, 2-GigE 10/100/100 (Mgmt)				
FortiSwitch-5003 Switch Fabric Blade	Delivers high availability switching across the high-speed chassis backplane									3-GigE 10/100/1000, 1-GigE 10/100/1000 (Mgmt)				
FortiController-5208 Load Balancing Fabric Blade	Delivers high-bandwith load balancing for AV+IPS applications									2-10GigE XFP, 8-GigE SFP, 1-GigE 10/100/1000 (Mgmt)				

ENTERPRISE APPLIANCES

Product	FW Throughput	IPSec VPN Throughput	Concurrent Sessions	New Sessions Per Sec	IPSec VPN Tunnels (Site-site)	AV, AS, Antimalware Throughput	IPS Throughput	Max Secu-rity Policies	10/100 (Copper) Interfaces	10 / 100 / 1000 Interfaces	SFP Interfaces	AMC Expansion Slots	Switch/ LAN Interfaces	Hot-Swappable Power Supplies	Number of VDOMs
FortiGate-3810A	7 Gb ps (37 Gbps w/ AMC)	1 Gbps (19 Gbps w/ AMC)	2 M	40 K	64 K	500 Mbps	4 Gbps	100 K	0	8	2	2 single width 2 double width	0	Yes	Up to 500
FortiGate-3600A	6 Gbps (10 Gbps w/ AMC)	800 Mbps (3.8 Gbps w/ AMC)	1 M	40 K	64 K	400 Mbps	3 Gbps	100 K	0	8	2	1 single width	0	Yes	Up to 500
FortiGate-3016B	16 Gbps (20 Gbps w/ AMC)	12 Gbps (15 Gbps w/ AMC)	1 M	25K	64 K	300 Mbps	2 Gbps	100 K	0	2	16	1 single width	0	Yes	Up to 500
Advanced Mezzanine Card (AMC) Modules	Double Width Modules: • ADM-XB2: 2-port 10GigE FortiASIC Module • ADM-XE2: 2-port 10GigE Security Processing Module • ADM-FB8: 8-port GigE FortiASIC Module Single Width Modules: • ASM-FB4: 4-port GigE FortiASIC Module • ASM-CE4: 4-port GigE Security Processing Module • ASM-S08: 80 GB hard disk drive storage													
FortiGate-1000AFA2	2 Gbps	600 Mbps	600 K	15 K	10 K	200 Mbps	1 Gbps	100 K	0	10	2	No	0	Yes	10
FortiGate-1000A	2 Gbps	600 Mbps	600 K	15 K	10 K	200 Mbps	1 Gbps	100 K	0	10	0	No	0	Yes	10
FortiGate-800 / 800F	1 Gbps	200 Mbps	400 K	10 K	3 K	150 Mbps	600 Mbps	20 K	4	4 / 0 - 800F	0 / 4 - 800F	No	0	No	10
FortiGate-620B	16 Gbps (20 Gbps w/ AMC)	12 Gbps (15 Gbps w/ AMC)	600 K	25 K	20 K	250 Mbps	1 Gbps	100 K	0	20	0	1 single width	0	No	10
FortiGate-500A	600 Mbps	150 Mbps	400 K	10 K	3 K	120 Mbps	400 Mbps	8 K	8	2	0	No	4	No	10
FortiGate-400A	500 Mbps	140 Mbps	400 K	10 K	2 K	100 Mbps	300 Mbps	5 K	4	2	0	No	0	No	10
FortiGate-310B	8 Gbps (12 Gbps w/ AMC)	6 Gbps (9 Gbps w/ AMC)	500 K	20 K	3 K	160 Mbps	800 Mbps	8 K	0	10	0	1 single width	0	No	10
FortiGate-300A	400 Mbps	120 Mbps	400 K	10 K	1.5 K	70 Mbps	200 Mbps	5 K	4	2	0	No	0	No	10
FortiGate-224B	150 Mbps	70 Mbps	400 K	4 K	200	30 Mbps	100 Mbps	2 K	26	2	0	No	24	No	10
FortiGate-200A	150 Mbps	70 Mbps	400 K	4 K	200	30 Mbps	100 Mbps	2 K	8	0	0	No	4	No	10

SMB/ROBO/SOHO APPLIANCES

Product	FW Throughput	IPSec VPN Throughput	Concurrent Sessions	New Sessions Per Sec	IPSec VPN Tunnels (Site-site)	AV, AS, Antimalware Throughput	IPS Throughput	Max Secu-rity Policies	Switch/LAN Interfaces	WAN Interfaces	DMZ Interfaces	Wireless Interfaces	Other Interfaces	Number of VDOMs
FortiGate-110C (-HD)	500 Mbps	100 Mbps	400 K	10 K	1.5 K	65 Mbps	200 Mbps	4 K	8	2 (10/100/100)	0	No	USB, COM, SSD (-HD)	10
FortiGate-100A	100 Mbps	40 Mbps	200 K	4K	80	20 Mbps	70 Mbps	2 K	4	2	2	No	USB, COM	10
FortiGate/WiFi-60B	100 Mbps	64 Mbps	70 K	3 K	50	20 Mbps	60 Mbps	2 K	6	2	1	FW-60B WiFi a/b/g	PC card slot, Modem, USB, COM	10
FortiGate-50B (-HD)/ FortiWiFi-50B	50 Mbps	48 Mbps	25 K	2 K	20	19 Mbps	30 Mbps	2 K	3	2	0	FW-50B WiFi b/g	POE(FortiWifi), USB, COM, SSD (-HD)	10
FortiGate-30B	30 Mbps	5 Mbps	5K	1K	5	5 Mbps	10 Mbps	200	3	1	0	No	USB, COM	0

The product datasheet should be consulted for the most accurate and up-to-date product specifications. The datasheet for any product or service listed within this document can be found on www.fortinet.com.
Actual product performance will vary and depends on network environment and configuration. Antivirus performance is measured using HTTP protocol traffic with 32Kbyte file attachments. IPS performance is measured using UDP protocol traffic with 512 byte packet sizes.

Managing & Analyzing • Secure Messaging • Database & Web Security • Endpoint Security Software • Security and Support Services

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MANAGING & ANALYZING APPLIANCES

PRODUCT	10/100/1000 Ethernet	10/100 Ethernet	Internal Hard Drive Capacity	High Availability Configurations	Local Signatures & Databases Updates	Role-based Administration	Automated Conf-iguration Deployment	Script Based Device Configuration	No. of Network Devices	Number of FortiClient Devices	Recommended Device Type	Redundant Power Supplies
FortiManager-3000B	4	0	2 TB	Yes	Yes	Yes	Yes	Yes	4000	100,000	All	Yes
FortiManager-400B	4	0	500 GB	Yes	Yes	Yes	Yes	Yes	200	10,000	FG 30 - 3810A	No
FortiManager-400A	2	4	250 GB	Yes	Yes	Yes	Yes	Yes	200	10,000	FG-30 - 800	No
FortiManager-100	0	4	250 GB	Yes	Yes	Yes	Yes	Yes	10	2,500	FG-30 - 110	No

PRODUCT	10/100/1000 Ethernet	10/100 Ethernet	Internal Hard Drive Capacity	RAID Storage Man-agement	Network Analyzer	Central Quarantine	Forensic Analysis	Real Time Log Browser	Vulnerability Scanner	No. of Network Devices	No. of Forti-Client Devices	Recommended Device Type
FortiAn alyzer-4000A	2	0	6 TB	Yes (0, 1, 5, 10, 50)	Yes	Yes	Yes	Yes	Yes	700	10,000	All
FortiAnalyzer-2000A	2	0	3 TB	Yes (0, 1, 5, 10, 50)	Yes	Yes	Yes	Yes	Yes	500	5,000	All
FortiAnalyzer-1000B	4	0	1 TB	Yes (0, 1)	Yes	Yes	Yes	Yes	Yes	500	5,000	All
FortiAnalyzer-800B	4	0	2 TB	Yes (0, 1, 5)	Yes	Yes	Yes	Yes	Yes	250	5,000	All
FortiAnalyzer-400B	4	0	500 GB	Yes (0, 1)	Yes	Yes	Yes	Yes	Yes	200	2,000	All
FortiAnalyzer-100B	0	4	250 GB	n/a	Yes	Yes	Yes	Yes	Yes	10	100	FG-30 - 110

SECURE MESSAGING APPLIANCES

PRODUCT	10/100/1000 Ethernet	10/100 Ethernet	Total Hard Drive Capacity	RAID Storage Man-agement	Email Domains	Recipient-Base Policies (In / Out)	Server Mode Mail-boxes	Antivirus & Antis-pam Profiles	Authentication / Content Profiles	Adminstration Domain	Email Routing (Message / Hr)	Redundant Power Supplies
FortiMail-4000A	2	0	3 TB	Yes (0, 1, 5, 10, 50)	3000	100 / 1500	3000	550 / 550	550 / 550	50	345,600	Yes
FortiMail-2000A	4	0	1.5 TB	Yes (0, 1, 5, 10, 50)	3000	100 / 1500	3000	550 / 550	550 / 550	50	331,200	Yes
FortiMail-400B	4	0	500 GB	Yes (0,1)	500	40 / 500	1000	175 / 175	175 / 175	25	264, 600	No
FortiMail-400	2	4	500 GB	Yes (0, 1)	500	40 / 500	1000	175 / 175	175 / 175	25	187,200	No
FortiMail-100	0	4	250 GB	n/a	50	20 / 50	200	60 / 60	60 / 60	5	64,800	No

DATABASE & WEB SECURITY APPLIANCES

PRODUCT	10/100/1000 Ethernet	No. of Database Instances	Total Hard Drive Capacity	RAID Storage Man-agement	Redundant Power Supplies	DataBase Support	Repository Database Support
FortiDB-2000B	4	60	1 TB	No	Yes	DB2 UDB V8, DB2 UDB V9; Microsoft SQL Server 2000, Microsoft SQL Server 2005; Oracle 8.1.6, Oracle 8.1.7.4, Oracle 9.2.0.x, Oracle 10.2.0.x, Oracle 11.1.0.x; Sybase ASE 12.5.4, Sybase ASE 15.0.2	Apache Derby 10.x, DB2 UDB v9, Microsoft SQL Server 2005, Oracle 10gR2, PostgreSQL 8.3
FortiDB-1000B	4	30	1 TB	No	No		
FortiDB-400B	4	10	500 GB	No	No		

PRODUCT	10/100/1000 Ethernet	Throughput (HTTP)	Total Hard Drive Capacity	RAID Storage Man-agement	Redundant Power Supplies	Max Sessions	New Sessions Per Second	Comprehensive WAF and XML Security Features	Other Features
FortiWeb-1000B	4	500 Mbps	1 TB	No	No	30,000	10,000	XML schema validation and xpression limiting, WSDL Vertif-cation, Form Field Tampering Validation and others	SSL and XML ecnryption and co-processing, Content base Routing.

ENDPOINT SECURITY SOFTWARE

PRODUCT	Personal Firewall	Antivirus & AntiMalware	IPSec VPN	Address Book Protection	Intrusion Protec-tion System (IPS)	Email Antispam	FortiManager Cen-tral Management	Web Content Filtering	SMS Filtering	SMS Antispam	Supported Platforms
FortiClient PC	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Windows: XP, Vista, x64, 2003 Server and Pro
FortiClient Mobile - Symbian	Yes/Yes	Yes/Yes	No/No	No/No	No/No	No/No	Yes/Yes	No/Yes	Yes/Yes	Yes/Yes	SymbianOS/UIQ
FortiClient Mobile - Windows	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Windows CE, Windows Mobile

FORTIGUARD SECURITY SUBSCRIPTION SERVICES

Product	FortiGuard IPS	FortiGuard Antivirus	FortiGuard Antispam	FortiGuard Web Filtering
FortiGate	Available	Available	Available	Available
FortiMail	Not Available	Available	Available	Not Available
FortiClient PC	Not Available	Available	Available	Available
FortiClient Mobile	Not Available	Available	Not Available	Not Available

FORTIGUARD ANALYSIS AND MANAGEMENT SERVICE

Platinum: 100 MB DTQ / 50 GB SQ.
Gold: 50 MB DTQ / 50 GB SQ.
Silver: 25 MB DTQ / 10 GB SQ.
All FortiGate systems supprted

Up to five (5) devices supported per license.
DTQ = Daily Tranfer Quota.
SQ = Storage Ouota.

FORTICARE SUPPORT SERVICES

Support Services	Hardware Replace-ment	Firmware/Soft-ware Updates	Web-based Support	Telephone Tech-nical Support	On-Line Tools
FortiCare 8x5	Return & Repair	Yes	Yes	8x5	Yes
FortiCare 24x7	Advanced Replace-ment	Yes	Yes	24x7	Yes
Service Bundles	FortiCare and FortiGuard service bundles are available. Please contact your Value Added Reseller (VAR) or Fortinet sales representative for more information.				

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Product Matrix

FORTINET

Security • Performance • Cost • Flexibility

Fortinet® is the pioneer and leading provider of integrated network security solutions that protect your network against today's constantly changing threats. Fortinet provides solutions for the world's largest organizations, like large enterprises and service providers, to small offices with 25 users—and every size in between. Unlike providers of point products, Fortinet offers an innovative security platform that incorporates the essential security applications and services required to enable a safe and clean communications environment regardless of size. Fortinet delivers

- Better security by providing a comprehensive multi-threat security solution
- Higher performance through ASIC-acceleration
- Lower total cost of ownership (OpEx and CapEx) by integrating best-of-breed security applications into a single device

Fortinet protection solutions include a range of high-end chassis based systems, appliance-based solutions, and management and reporting tools. These capabilities allow our customers to cost-effectively protect their critical assets while delivering unparalleled flexibility in deployment.

Fortinet is the only unified security solutions provider that owns all of its technology. Fortinet solutions were built from the ground up by Fortinet to integrate multiple levels of security protection—including firewall, antivirus, intrusion prevention, VPN, spyware prevention, Web filtering, antispam and traffic shaping—providing customers a way to protect against multiple threats today and into the future.

Contact your Authorized FortiPartner or visit www.fortinet.com/partners to find a FortiPartner near you.

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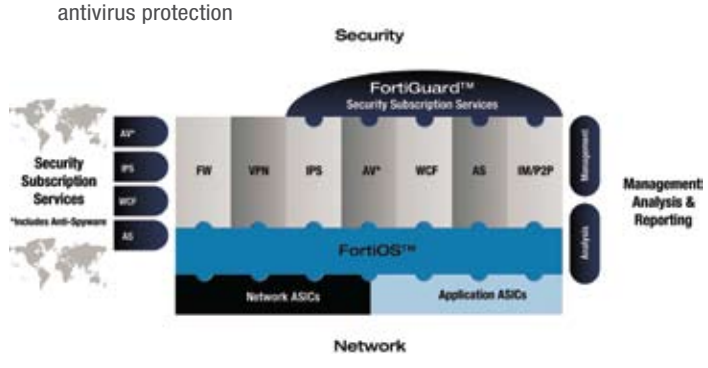
The FortiGate® family of multi-threat security appliances range in performance and physical features to meet network requirements of all sizes and topologies. Additionally, Fortinet delivers a complete line of product extensions that enable network managers to control, monitor, and operate networks simply and powerfully:

- FortiAnalyzer™ Appliances—Centralized logging and reporting that securely aggregates and analyzes log data from multiple Fortinet products
- FortiManager™ Appliances—Centralized command and control, configuration management and monitoring solution
- FortiMail™ Appliances—An enterprise-class family of specialized email security solutions providing antispam and antivirus protection



The FortiASIC™ Advantage

The FortiASIC processor is the foundation of Fortinet's unique technology. FortiASICs use an intelligent, proprietary content scanning engine that accelerates compute-intensive actions. They also contain acceleration algorithms for encryption so that FortiGate security devices can perform antivirus scanning on VPN tunnels, ensuring clean and controlled communications. Coupling our custom ASIC with proprietary network processor acceleration, Fortinet's security systems deliver improved security, extreme performance, and a compelling total cost of ownership.

FortiOS™ Operating System: Developed for Security

Fortinet's FortiOS was developed with security and performance as top priorities. FortiOS features full routing (BGP, OSPF, RIP), complete logging and auditing capabilities for forensic analysis, granular Virtual Security Domain (VDOM) support, and a complete command line interface (CLI). No third party software applications are included that could lead to a vulnerability. It is Common Criteria Certified EAL 4+ and Federal Information Processing Standard (FIPS) 140-2 validated.

FortiGuard® Security Services

The FortiGuard Network is a combination of people and technology which enhance the value of Fortinet solutions. Over 100 members strong, the FortiGuard Global Threat Research Team ensure that FortiGuard Security Subscription Services are always up-to-date and providing protection from the latest threats. Delivering the latest security content is the FortiGuard Distribution Network, which is comprised of geographically dispersed systems which can optionally push updates to Fortinet devices anywhere in the world within minutes.