



PRODUCT MATRIX



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* FortiGate-4000P 20 1000BaseT ports; FortiGate-4000S 4 SFP or 10/100/1000BaseT ports

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FORTIGATE FAMILY OVERVIEW – SOHO / Branch Office / SMB

Feature List		SOHO / Branch Office				Small / Medium Business			
		FGT-50A	FGT-60	WiFi-60	FGT-100	FGT-100A	FGT-200	FGT-200A	FGT-300
Interfaces	10/100 Ethernet Ports	2	7	7	3	8	3	8	3
System Performance	Concurrent Sessions	25K	50K	50K	200K	200K	400K	400K	400K
	New Sessions/second	2K	2K	2K	4K	4K	4K	4K	10K
	Firewall Throughput (Mbps)	50	70	70	95	100	120	150	200
	168-bit Triple-DES Throughput (Mbps)	10	20	20	25	40	50	70	65
	Unlimited Concurrent Users	•	•	•	•	•	•	•	•
	Policies	200	500	500	1K	1K	2K	2K	5K
	Schedules	256	256	256	256	256	256	256	256
Antivirus / Worm Detection & Removal (ICSA Certified)	Scans HTTP, SMTP, POP3, IMAP, FTP and Encrypted VPN Tunnels	•	•	•	•	•	•	•	•
	Automatic “Push” Virus Database Update	•	•	•	•	•	•	•	•
	Quarantine Infected Messages	•	•	•	•	•	•	Optional	•
	Block by File Size	•	•	•	•	•	•	•	•
Firewall (ICSA Certified)	NAT, PAT, Transparent (bridge)	•	•	•	•	•	•	•	•
	Routing Mode (RIP v1, v2)	•	•	•	•	•	•	•	•
	802.1q VLAN Support	•	•	•	•	•	•	•	•
	Virtual Domains	•	•	•	•	•	•	•	•
	User Group-based Authentication	•	•	•	•	•	•	•	•
	H.323 NAT Traversal	•	•	•	•	•	•	•	•
	Protection Profiles	32	32	32	32	32	32	32	32
VPN (ICSA Certified)	Dedicated Tunnels	20	40	40	80	80	200	200	1.5K
	Encryption (DES, 3DES, AES)	•	•	•	•	•	•	•	•
	PPTP, LZTP, VPN Client Pass Through	•	•	•	•	•	•	•	•
	Hub and Spoke Architecture	•	•	•	•	•	•	•	•
	IKE Certificate Authentication (X.509)	•	•	•	•	•	•	•	•
	IPSec NAT Traversal	•	•	•	•	•	•	•	•
	RSA SecurID Support	•	•	•	•	•	•	•	•
Content Filtering	URL block, Keyword block, Exempt List	•	•	•	•	•	•	•	•
	Java Applet, Cookies, Active X Filtering	•	•	•	•	•	•	•	•
	FortiGuard Web Filtering Support	•	•	•	•	•	•	•	•
Dynamic Intrusion Detection / Prevention (ICSA Certified)	Prevention for Over 1300 Attacks	•	•	•	•	•	•	•	•
	Customizable Dynamic Detection Signature List	•	•	•	•	•	•	•	•
	Automatic Attack Database Update	•	•	•	•	•	•	•	•
Anti-Spam	Real-time Blacklist/Open Relay Database Server	•	•	•	•	•	•	•	•
	MIME header check	•	•	•	•	•	•	•	•
	Keyword/phrase filtering	•	•	•	•	•	•	•	•
	IP address blacklist/exempt list	•	•	•	•	•	•	•	•
Logging / Monitoring	Internal Logging Capacity	•	•	•	•	•	40G	Optional	40G
	Email Notification of Viruses and Attacks	•	•	•	•	•	•	•	•
	Syslog, SNMP	•	•	•	•	•	•	•	•
High Availability (HA)	Active-Active, Active-Passive	•	•	•	•	•	•	•	•
	Stateful Failover (FW and VPN)	•	•	•	•	•	•	•	•
	Device Failure Detection and Notification	•	•	•	•	•	•	•	•
	Link Status Monitor	•	•	•	•	•	•	•	•
Networking	Multiple WAN Link Support	•	•	•	•	•	•	•	•
	PPPoE	•	•	•	•	•	•	•	•
	DHCP Client/Server	•	•	•	•	•	•	•	•
	Policy-based Routing	•	•	•	•	•	•	•	•
System Management	Console Interface (RS-232)	•	•	•	•	•	•	•	•
	WebUI (HTTPS), Multi-language Support	•	•	•	•	•	•	•	•
	Command Line Interface, Secure Command Shell (SSH)	•	•	•	•	•	•	•	•
	FortiManager System	•	•	•	•	•	•	•	•
Administration	Multiple Administrators and User Levels	•	•	•	•	•	•	•	•
	Upgrades and Changes via TFTP and WebUI	•	•	•	•	•	•	•	•
	System Software Rollback	•	•	•	•	•	•	•	•
User Authentication	Internal Database	•	•	•	•	•	•	•	•
	External RADIUS/LDAP Database	•	•	•	•	•	•	•	•
	IP/MAC Address Binding	•	•	•	•	•	•	•	•
	Xauth Over RADIUS for IPSEC VPN	•	•	•	•	•	•	•	•
	RSA SecurID	•	•	•	•	•	•	•	•
Traffic Shaping	Policy-based Traffic Shaping	•	•	•	•	•	•	•	•
	Diffserv Setting	•	•	•	•	•	•	•	•
	Guarantee/Max/Priority Bandwidth	•	•	•	•	•	•	•	•

FORTIGATE FAMILY OVERVIEW – Enterprise

Feature List		FGT-300A	FGT-400	FGT-400A	FGT-500	FGT-500A	FGT-800	FGT-1000
Interfaces	10/100 Ethernet Ports Gigabit Ethernet Ports (Copper/Fiber)	4 2C	4	4 2C	12	8 2C	4 4C	4 2C
System Performance	Concurrent Sessions New Sessions/second Firewall Throughput (Mbps) 168-bit Triple-DES Throughput (Mbps) Unlimited Concurrent Users Policies Schedules	400K 10K 400 120 • 5K 256	400K 10K 280 80 • 5K 256	400K 10K 450 135 • 5K 256	400K 10K 280 90 • 8K 256	400K 10K 500 150 • 8K 256	400K 10K 600 200 • 20K 256	600K 15K 1Gbps 250 • 30K 256
Antivirus / Worm Detection & Removal (ICSA Certified)	Scans HTTP, SMTP, POP3, IMAP, FTP and Encrypted VPN Tunnels Automatic “Push” Virus Database Update Quarantine Infected Messages Block by File Size	• • Optional •	• • • •	• • Optional •	• • • •	• • Optional •	• • • •	• • • •
Firewall (ICSA Certified)	NAT, PAT, Transparent (bridge) Routing Mode (RIP v1, v2) 802.1q VLAN Support Virtual Domains User Group-based Authentication H.323 NAT Traversal Protection Profiles	• • • • • • 32	• • • • • • 32	• • • • • • 32	• • • • • • 32	• • • • • • 32	• • • • • • 32	• • • • • • 32
VPN (ICSA Certified)	Dedicated Tunnels Encryption (DES, 3DES, AES) PPTP, L2TP, VPN Client Pass Through Hub and Spoke Architecture IKE Certificate Authentication (X.509) IPSec NAT Traversal RSA SecurID Support	1.5K • • • • • • •	1.5K • • • • • • •	1.5K • • • • • • •	3K • • • • • • •	3K • • • • • • •	3K • • • • • • •	5K • • • • • • •
Content Filtering	URL block, Keyword block, Exempt List Java Applet, Cookies, Active X Filtering FortiGuard Web Filtering Support	• • •	• • •	• • •	• • •	• • •	• • •	• • •
Dynamic Intrusion Detection / Prevention (ICSA Certified)	Prevention for Over 1300 Attacks Customizable Dynamic Detection Signature List Automatic Attack Database Update	• • •	• • •	• • •	• • •	• • •	• • •	• • •
Anti-Spam	Real-time Blacklist/Open Relay Database Server MIME header check Keyword/phrase filtering IP address blacklist/exempt list	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Logging / Monitoring	Internal Logging Capacity Email Notification of Viruses and Attacks Syslog, SNMP	Optional • •	40G • •	Optional • •	40G • •	Optional • •	40G • •	40G • •
High Availability (HA)	Active-Active, Active-Passive Stateful Failover (FW and VPN) Device Failure Detection and Notification Link Status Monitor	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Networking	Multiple WAN Link Support PPPoE DHCP Client/Server Policy-based Routing	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
System Management	Console Interface (RS-232) WebUI (HTTPS), Multi-language Support Command Line Interface, SSH FortiManager System	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Administration	Multiple Administrators and User Levels Upgrades and Changes via TFTP and WebUI System Software Rollback	• • •	• • •	• • •	• • •	• • •	• • •	• • •
User Authentication	Internal Database External RADIUS/LDAP Database IP/MAC Address Binding Xauth Over RADIUS for IPSEC VPM RSA SecurID	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Traffic Shaping	Policy-based Traffic Shaping Diffserv Setting Guarantee/Max/Priority Bandwidth	• • •	• • •	• • •	• • •	• • •	• • •	• • •

FORTIGATE FAMILY OVERVIEW – Large Enterprise / Service Provider

Feature List		Large Enterprise / Service Provider						
		FGT-3000	FGT-3600	FGT-4000	FGT-5001	FGT-5020	FGT-5050	FGT-5140
Interfaces	10/100 Ethernet Ports Gigabit Ethernet Ports (Copper/Fiber)	3 1C/2F	1 2C/4F	4 or 20*	4/4SFP	8/8SFP	20/20SFP	56/56SFP
System Performance	Concurrent Sessions New Sessions/second Firewall Throughput 168-bit Triple-DES Throughput (Mbps) Unlimited Concurrent Users Policies Schedules	975K 20K 2.25Gbps 530 • 50K 256	1M 25K 4Gbps 600 • 50K 256	10M 200K 20Gbps 6Gbps • 500K 256	1M 25K 4Gbps 600 • 50K 256	2M 50K 8Gbps 1.2Gbps • 100K 256	5M 125K 20Gbps 3Gbps • 250K 1280	14M 350K 56Gbps 8.4Gbps • 700K 3584
Antivirus / Worm Detection & Removal (ICSA Certified)	Scans HTTP, SMTP, POP3, IMAP, FTP and Encrypted VPN Tunnels Automatic "Push" Virus Database Update Quarantine Infected Messages Block by File Size	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Firewall (ICSA Certified)	NAT, PAT, Transparent (bridge) Routing Mode (RIP v1, v2) 802.1q VLAN Support Virtual Domains User Group-based Authentication H.323 NAT Traversal Protection Profiles	• • • • • • 200	• • • • • • 200	• • • • • • 200	• • • • • • 200	• • • • • • 200	• • • • • • 200	• • • • • • 200
VPN (ICSA Certified)	Dedicated Tunnels Encryption (DES, 3DES, AES) PPTP, L2TP, VPN Client Pass Through Hub and Spoke Architecture IKE Certificate Authentication (X.509) IPSec NAT Traversal RSA SecurID Support	5K • • • • • • •	5K • • • • • • •	5K • • • • • • •	5K • • • • • • •	5K • • • • • • •	5K • • • • • • •	5K • • • • • • •
Content Filtering	URL block, Keyword block, Exempt List Java Applet, Cookies, Active X Filtering FortiGuard Web Filtering Support	• • •	• • •	• • •	• • •	• • •	• • •	• • •
Dynamic Intrusion Detection / Prevention (ICSA Certified)	Prevention for Over 1300 Attacks Customizable Dynamic Detection Signature List Automatic Attack Database Update	• • •	• • •	• • •	• • •	• • •	• • •	• • •
Anti-Spam	Real-time Blacklist/Open Relay Database Server MIME header check Keyword/phrase filtering IP address blacklist/exempt list	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Logging / Monitoring	Internal Logging Capacity Email Notification of Viruses and Attacks Syslog, SNMP	40G • •	40G • •	• • •	• • •	• • •	• • •	• • •
High Availability (HA)	Active-Active, Active-Passive Stateful Failover (FW and VPN) Device Failure Detection and Notification Redundant Power Supplies Link Status Monitor	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Networking	Multiple WAN Link Support PPPoE DHCP Client/Server Policy-based Routing	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
System Management	Console Interface (RS-232) WebUI (HTTPS), Multi-language Support Command Line Interface, SSH FortiManager System	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
Administration	Multiple Administrators and User Levels Upgrades and Changes via TFTP and WebUI System Software Rollback	• • •	• • •	• • •	• • •	• • •	• • •	• • •
User Authentication	Internal Database External RADIUS/LDAP Database IP/MAC Address Binding Xauth Over RADIUS for IPSEC VPM RSA SecurID	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Traffic Shaping	Policy-based Traffic Shaping Diffserv Setting Guarantee/Max/Priority Bandwidth	• • •	• • •	• • •	• • •	• • •	• • •	• • •