

FG-100E Specification

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Type	FORTIGATE 100E
Interfaces and Modules	
GE RJ45 Ports	14
GE RJ45 Management/HA/DMZ Ports	1 / 2 / 1
GE SFP Slots	—
GE RJ45 PoE/+ Ports	—
GE RJ45 WAN Ports	2
GE RJ45 or SFP Shared Ports	2
USB Port	1
Console Port	1
Internal Storage	—
Included Transceivers	0
System Performance and Capacity	
Firewall Throughput (1518 / 512 / 64 byte, UDP)	7.4 / 7.4 / 4.4 Gbps
Firewall Latency (64 byte, UDP)	3 μ s
Firewall Throughput (Packet per Second)	6.6 Mpps
Concurrent Sessions (TCP)	2 Million
New Sessions/Second (TCP)	30,000
Firewall Policies	10,000
IPsec VPN Throughput (512 byte)	4 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	2,000

Client-to-Gateway IPsec VPN Tunnels	10,000
SSL-VPN Throughput	250 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	500
SSL Inspection Throughput (IPS, avg. HTTPS)	130 Mbps
SSL Inspection CPS (IPS, avg. HTTPS)	130
Application Control Throughput (HTTP 64K)	1 Gbps
CAPWAP Throughput (1444 byte, UDP)	1.5 Gbps
Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	24
Maximum Number of FortiAPs (Total / Tunnel)	64 / 32
Maximum Number of FortiTokens	5,000
Maximum Number of Registered FortiClients	600
High Availability Configurations	Active / Active, Active / Passive, Clustering
System Performance — Enterprise Traffic Mix	
IPS Throughput	500 Mbps
NGFW Throughput	360 Mbps
Threat Protection Throughput	250 Mbps
Dimensions and Power	
Height x Width x Length	1.75 x 17 x 10 inches 44.45 x 432 x 254 mm
Form Factor	Rack Mount, 1 RU
AC Power Supply	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	23.0 W / 25.5 W
Heat Dissipation	87.0 BTU/h
Operating Environment and Certifications	

Operating Temperature	32–104°F (0–40°C)
Storage Temperature	-31–158°F (-35–70°C)
Humidity	10–90% non-condensing
Noise Level	40.4 dBA
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	FCC Part 15B, Class A, CE, RCM, VCCI, UL/cUL, CB, BSMI
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; IPv6

Reviews