Specifications

Hardware Specifications		
GE RJ45 WAN / DMZ Ports	2 / 1	
GE RJ45 Internal Ports	5	
GE RJ45 FortiLink Ports	2	
GE RJ45 PoE/+ Ports	-	
Wireless Interface	-	
USB Ports	1	
Console (RJ45)	1	
Internal Storage	-	1x 128 GB SSD
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	1.4 Gbps	
NGFW Throughput [2, 4]	1 Gbps	
Threat Protection Throughput [2, 5]	700 Mbps	
System Performance		
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	10/10/6 Gbps	
Firewall Latency (64 byte UDP packets)	4 µs	
Firewall Throughput (Packets Per Second)	9 Mpps	
Concurrent Sessions (TCP)	700,000	
New Sessions/Second (TCP)	35,000	
Firewall Policies	5,000	
IPsec VPN Throughput (512 byte) [1]	6.5 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	200	
Client-to-Gateway IPsec VPN Tunnels	500	
SSL-VPN Throughput	900 Mbps	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	200	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	750 Mbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	400	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	55,000	
Application Control Throughput (HTTP 64K) [2]	1.8 Gbps	
CAPWAP Throughput (HTTP 64K)	15 Gbps	
Virtual Domains (Default / Maximum)	10 / 10	
Maximum Number of FortiSwitches Supported	16	
Maximum Number of FortiAPs (Total / Tunnel Mode)	30 / 10	
Maximum Number of FortiTokens	500	
Maximum Number of Registered FortiClients	200	
High Availability Configurations	Active / Active, Active / Passive, Clustering	

Dimensions		
Height x Width x Length (inches)	1.5 x 8.5 x 6.3	
Height x Width x Length (mm)	38 x 216 x 160	
Weight	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)
Form Factor	Desktop	
Operating Environment and Certifications		
Power Required	100-240V AC, 50-60 Hz (External DC Power Adapter, 12 VDC)	
Maximum Current	115V AC / 0.2A, 230V AC / 0.1A	
Total Available PoE Power Budget*	N/A	N/A
Power Consumption (Average / Maximum)	17.0 W / 18.5 W	17.2 W / 18.7 W
Heat Dissipation	63.1 BTU/hr	63.8 BTU/hr
Operating Temperature	32-104°F (0-40°C)	
Storage Temperature	-31-158°F (-35-70°C)	
Humidity	10-90% non-condensing	
Noise Level	Fanless 0 dBA	
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	

* Maximum loading on each PoE/+ port is 30 W (802.3at).

Note: All performance values are "up to" and vary depending on system configuration.

1. IPsec VPN performance test uses AES256-SHA256.
2. IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.
3. SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.
4. NGFW performance is measured with Firewall, IPS and Application Control enabled.
5. Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.