

Fortinet FG-100E-BDL-950-36 FortiGate-100E Hardware Plus 3 Year 24x7 FortiCare and FortiGuard Unified (UTM) Protection

PRD-202607-0013 · Fortinet · Specification Sheet

Brand	Fortinet
Model / MPN	FG-100E-BDL-950-12
Reference price	MYR 10,331.00 (reference only)

Specifications:

	FortiGate 100E
Hardware Specifications	
GE RJ45 Ports	14
GE RJ45 Management/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 Ports	1
Console Port	1
Internal Storage	-
Included Transceivers	0
System Performance — Enterprise Traffic Mix	
IPS Throughput ²	500 Mbps
NGFW Throughput ^{2, 4}	360 Mbps
Threat Protection Throughput ^{2, 5}	250 Mbps
System Performance — Enterprise Traffic Mix	
Firewall Latency (64 byte UDP packets)	3 ?s
Firewall Throughput (Packets 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) ¹	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)	300
SSL Inspection Throughput (IPS, avg. HTTPS) ³	130 Mbps
SSL Inspection CPS (IPS, avg. HTTPS) ³	130
SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³	125,000
Application Control Throughput (HTTP 64K) ²	1 Gbps
CAPWAP Throughput (1444 byte, UDP)	1.5 Gbps
Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of Switches Supported	24

Maximum Number of FortiAPs (Total / Tunnel Mode)	64 / 32
Maximum Number of FortiTokens	1,000
Maximum Number of Registered FortiClients	600
High Availability Configurations	Active / Active, Active / Passive, Clustering
Dimensions	
Height x Width x Length (inches)	1.75 x 17 x 10
Height x Width x Length (mm)	44.45 x 432 x 254
Form Factor	Rack Mount, 1 RU
Weight	7.28 lbs (3.3 kg)
Environment	
Power Required	100–240V AC, 60–50 Hz
Maximum Current	100V / 1A, 240V / 0.5A
Total Available PoE Power Budget*	-
Power Consumption (Average / Maximum)	23.0 W / 25.5 W
Heat Dissipation	87.0 BTU/h
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
Compliance	FCC Part 15B, Class A, CE, RCM, VCCI, UL/cUL, CB, BSMI
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; IPv6