

FortiGate-101F Hardware plus 1 Year 24x7 FortiCare and FortiGuard Unified Threat Protection (UTP)

PRD-202607-0034 · Fortinet · Specification Sheet

Brand	Fortinet
Model / MPN	FG-101F-BDL-950-12
Reference price	MYR 20,614.00 (reference only)

Hardware Specifications	
GE RJ45 Ports	12
GE RJ45 Management/HA/DMZ Ports	1 / 2 / 1
GE SFP Slots	4
10 GE SFP+ Slots	2
GE RJ45 WAN Ports	2
GE RJ45 or SFP Shared Ports *	4
USB Port	1
Console Port	1
Internal Storage	—
Included Transceivers	0
System Performance — Enterprise Traffic Mix	
IPS Throughput ²	2.6 Gbps
NGFW Throughput ^{2, 4}	1.6 Gbps
Threat Protection Throughput ^{2, 5}	1 Gbps
System Performance	
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	20 / 18 / 10 Gbps
Firewall Latency (64 byte UDP packets)	5 µs
Firewall Throughput (Packets Per Second)	15 Mpps
Concurrent Sessions (TCP)	1.5 Million
New Sessions/Second (TCP)	56,000
Firewall Policies	10,000
IPsec VPN Throughput (512 byte) ¹	11.5 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	2,500
Client-to-Gateway IPsec VPN Tunnels	16,000
SSL-VPN Throughput	750 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	500
SSL Inspection Throughput (IPS, avg. HTTPS) ³	1 Gbps
SSL Inspection CPS (IPS, avg. HTTPS) ³	1,800
SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³	135,000
Application Control Throughput (HTTP 64K) ²	2.2 Gbps
CAPWAP Throughput (1444 byte, UDP)	15 Gbps

Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	24
Maximum Number of FortiAPs (Total / Tunnel Mode)	64 / 32
Maximum Number of FortiTokens	5,000
Maximum Number of Registered FortiClients	600
High Availability Configurations	Active / Active,
Dimensions	
Height x Width x Length (inches)	1.73 x 17 x 10
Height x Width x Length (mm)	44 x 432 x 254
Form Factor	Rack Mount, 1 P
Weight	7.25 lbs (3.29 k
Environment	
Power Required	100-240V AC, 6
Maximum Current	100V / 1A, 240V
Power Consumption (Average / Maximum)	35.1 W / 38.7 W
Heat Dissipation	119.77 BTU/h
Environment	
Operating Temperature	32-104°F (0-40
Storage Temperature	-31-158°F (-35-
Operating Altitude	Up to 7,400 ft (2
Humidity	10-90% non-co
Noise Level	40.4 dBA
Compliance	FCC Part 15B, C
Certifications	ICSA Labs: Firev