

FortiGate-40F Hardware plus 24x7 FortiCare and FortiGuard Unified Threat Protection (UTP)

PRD-202607-0037 · Fortinet · Specification Sheet

Brand	Fortinet
Model / MPN	FG-40F-BDL-950-12
Reference price	MYR 2,559.00 (reference only)

Specifications:

		FortiG
Hardware Specifications		
GE RJ45 WAN / DMZ Ports		1
GE RJ45 Internal Ports		3
GE RJ45 FortiLink Ports		1
GE RJ45 PoE/+ Ports		-
Wireless Interface		-
USB Ports		1
Console (RJ45)		1
Internal Storage		-
System Performance — Enterprise Traffic Mix		
IPS Throughput		1 Gbps
NGFW Throughput		800 Mbps
Threat Protection Throughput		600 Mbps
System Performance		
Firewall Throughput (1518 / 512 / 64 byte UDP packets)		5/5/5 Gbps
Firewall Latency (64 byte UDP packets)		4 µs
Firewall Throughput (Packets Per Second)		7.5 Mpps
Concurrent Sessions (TCP)		700,000
New Sessions/Second (TCP)		35,000
Firewall Policies		5,000
IPsec VPN Throughput (512 byte)		4.4 Gbps
Gateway-to-Gateway IPsec VPN Tunnels		200
Client-to-Gateway IPsec VPN Tunnels		250
SSL-VPN Throughput		490 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)		200
SSL Inspection Throughput (IPS, avg. HTTPS)		310 Mbps

SSL Inspection CPS (IPS, avg. HTTPS)	320
SSL Inspection Concurrent Session (IPS, avg. HTTPS)	55,000
Application Control Throughput (HTTP 64K)	990 Mbps
CAPWAP Throughput (HTTP 64K)	3.5 Gbps
Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	8
Maximum Number of FortiAPs (Total / Tunnel Mode)	10 / 5
Maximum Number of FortiTokens	500
Maximum Number of Registered FortiClients	200
High Availability Configurations	Active / Active, Active / Pa
Dimensions	
Height x Width x Length (inches)	1.44 x 5.5 x 8.52
Height x Width x Length (mm)	36.5 x 140 x 216
Weight	TBA
Form Factor	Desktop
Operating Environment and Certifications	
Power Required	100–240V AC, 60–50 Hz (E
Maximum Current	100V AC / 0.2A, 240V AC /
Total Available PoE Power Budget	N/A
Power Consumption (Average / Maximum)	12.4 W / 15.4 W
Heat Dissipation	52.55 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-Tic
Certifications	ICSA Labs: Firewall, IPsec,