

FortiGate-81F Hardware plus 1 Year 24x7 FortiCare and FortiGuard Unified Threat Protection (UTP)

PRD-202607-0035 · Fortinet · Specification Sheet

Brand	Fortinet
Model / MPN	FG-81F-BDL-950-12
Reference price	MYR 8,009.00 (reference only)

Specifications:

	FortiGate 80F
Hardware Specifications	
GE RJ45/SFP Shared Media Pairs	2
GE RJ45 Internal Ports	8
USB Ports	1
Console (RJ45)	1
Internal Storage	-
System Performance	
IPS Throughput	1.4 Gbps
NGFW Throughput	1 Gbps
Threat Protection Throughput	900 Mbps
System Performance	
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	10 / 10 / 7 Gbps
Firewall Latency (64 byte UDP packets)	4 µs
Firewall Throughput (Packets Per Second)	10.5 Mpps
Concurrent Sessions (TCP)	1.5 Million
New Sessions/Second (TCP)	45,000
Firewall Policies	5,000
IPsec VPN Throughput (512 byte packets)	6.5 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	200
Client-to-Gateway IPsec VPN Tunnels	2,500
SSL-VPN Throughput	950 Mbps
Concurrent SSL-VPN Users (Recommended Maximum)	200
SSL Inspection Throughput	715 Mbps
SSL Inspection CPS (IPS, avg. HTTPS)	700
SSL Inspection Concurrent Session (IPS, avg. HTTPS)	100,000
Application Control Throughput	1.8 Gbps
CAPWAP Throughput	9 Gbps

Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	16
Maximum Number of FortiAPs (Total / Tunnel Mode)	32 / 16
Maximum Number of FortiTokens	500
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)	38.5 x 216 x 160
Weight	2.4 lbs (1.1 kg)
Form Factor	Desktop/Wall Mount/Rack Tray
Environment	
Input Rating	Dual power 12Vdc, 3A
Power Required	Powered by 2 External DC Power Adapters, 100–240V AC, 50/60 Hz
Power Consumption (Average / Maximum)	12.6W / 15.4W
Heat Dissipation	52.55 BTU/h
Operating Temperature	32–104°F (0–40°C)
Storage Temperature	-31–158°F (-35–70°C)
Humidity	10–90% non-condensing
Operating Altitude	Up to 16,404 ft (5,000 m)
Compliance	
Safety	FCC Part 15B, Class B, CE, RCM, VCCI, UL/cUL, CB, BSMI
Certifications	
	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN

Generated by Ryzen ERP from imported product data · 2026-07-06 · Internal specification sheet — verify critical figures against the manufacturer datasheet.