

# Fortinet FG-40F

## Datasheet

## Product Overview

- The FortiGate 40F series delivers a fast and secure SD-WAN solution, tailored for enterprise branch offices and mid-sized businesses. This compact, fanless desktop device ensures robust performance and protection.
- The device features 5 GE RJ45 ports (4 internal, 1 WAN) and leverages system-on-a-chip acceleration to enhance efficiency and security.
- This device is designed to be simple and affordable, ensuring seamless integration within existing network infrastructures.
- FortiGate 40F protects against cyber threats with industry-leading secure SD-WAN capabilities, making it an ideal choice for cost-effective and easy-to-deploy network solutions.
- With high throughput rates and advanced threat protection, it supports businesses in maintaining optimal network performance and security.

## Product Highlights

- **Comprehensive Connectivity:** 5 GE RJ45 ports (4 internal, 1 WAN).
- **Superior Performance:** Up to 1 Gbps IPS throughput, 800 Mbps NGFW throughput, and 600 Mbps threat protection throughput.
- **Advanced Security:** Integrated system-on-a-chip acceleration with industry-leading secure SD-WAN.
- **Compact and Fanless Design:** Sleek, desktop form factor suitable for space-constrained environments.
- **High Availability:** Designed to ensure high reliability and performance for enterprise deployments.

## Detailed Features



FG-40F

Component	Specification
Hardware Accelerated GE RJ45 WAN/DMZ Ports	1
Hardware Accelerated GE RJ45 Internal Ports	3
Hardware Accelerated GE RJ45 FortiLink Ports	1
USB Ports	1
Console Port (RJ45)	1



Extensive Port Options

Includes 1 hardware-accelerated GE RJ45 WAN/DMZ port, 3 internal GE RJ45 ports, and 1 FortiLink port.

High-Performance Metrics

Achieves up to 5 Gbps IPv4 firewall throughput with minimal latency of 2.97  $\mu$ s.

Efficient Processing

Powered by a system-on-a-chip architecture, delivering reliable and efficient performance.

Comprehensive Security Suite

Supports SSL-VPN, IPsec VPN, firewall policies, and advanced threat protection features.

Scalable Solution

Supports up to 10 virtual domains and 200 IPsec VPN tunnels, making it highly scalable for growing enterprises.

Technical Specifications

Interfaces and Modules

Feature	Value
Hardware Accelerated GE RJ45 WAN/DMZ Ports	1
Hardware Accelerated GE RJ45 Internal Ports	3
Hardware Accelerated GE RJ45 FortiLink Ports	1
USB Ports	1
Console Port (RJ45)	1
Onboard Storage	0
Included Transceivers	0

System Performance — Enterprise Traffic Mix

Feature	Value
IPS Throughput	1 Gbps
NGFW Throughput	800 Mbps
Threat Protection Throughput	600 Mbps



Metric	Value
IPv4 Firewall Throughput (UDP)	5 Gbps
Firewall Latency	2.97 $\mu$ s
Firewall Throughput (PPS)	7.5 Mpps
Concurrent Sessions (TCP)	700,000
New Sessions/Second (TCP)	35,000
Firewall Policies	5,000
IPsec VPN Throughput	4.4 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	200
Client-to-Gateway IPsec VPN Tunnels	250
SSL-VPN Throughput	490 Mbps

## Product Comparison

Feature	FG-40F	FG-60F	FG-100F
Ports	5 GE RJ45 (4 internal, 1 WAN)	7 GE RJ45	10 GE RJ45 (8 internal, 2 WAN)
IPS Throughput	1 Gbps	1.4 Gbps	2 Gbps
NGFW Throughput	800 Mbps	1 Gbps	1.5 Gbps
Threat Protection Throughput	600 Mbps	700 Mbps	1.2 Gbps
Form Factor	Desktop	Desktop	Desktop

## Accessories

Category	Accessories
Optional Accessories	- FortiGate Cloud Management
	- FortiAnalyzer Integration
	- Additional FortiCare and FortiGuard Licenses



## Support & Warranty



24/7 Online  
Service



3-Year Premium  
Warranty



Professional  
Technical Support



100% Low Price  
Guarantee



100% Quality  
Assurance



100% Money Back  
Guarantee

## About Us



Router-switch.com, headquartered in Hong Kong since 2002, has been a trusted global leader in ICT distribution for 23 years. We provide cutting-edge networking, cybersecurity, data center, and AI solutions to meet evolving business needs. Our wide range includes products from top brands like Cisco, Arista, Aruba, Fortinet, Mellanox, and Huawei, ensuring access to the latest technology and innovations.

**18,000+**

global customers

**600,000+**

end-users

**200+**

countries & regions

**23**

years experience

**500+**

global vendors

**100,000+**

SKUs available

**700+**

local sales experts

**50-98%**

off global list prices

## Contact Us

### Email

**Sales Inquiries:** [sales@router-switch.com](mailto:sales@router-switch.com)

**Expert Technical Support:** [ccie-support@router-switch.com](mailto:ccie-support@router-switch.com)

**Cooperative Partnerships:** [partner@router-switch.com](mailto:partner@router-switch.com)

### Phone

**USA:** +1-626-655-0998

**Hong Kong:** +852-25925389 / +852-25925411

### Follow Us

**Facebook:** @Routerswitchdotcom

**LinkedIn:** Router-switch.com

**X:** @routerswitchcom

**Instagram:** @routerswitchdotcom

## Global Footprint

Global Warehouses & Service Centers Across Continents.



## Global Branches

### Headquarters (Hong Kong)

Rm 605, 6/F, Fa Yuen Comm Bldg, 75-77 Fa Yuen St, Mongkok, Kowloon, Hong Kong, China

### USA Branch

3592 Rosemead Blvd, B #220, Rosemead, CA 91770, USA

### Shenzhen Branch

Jingfeng Building, 1001 Shangbu South Road, Futian District, Shenzhen, China

### UK Branch

Third Floor, 207 Regent Street, London W1B 3HH, UK



## References

[1] Fortinet. (n.d.). FortiGate FortiWiFi 40F Series Data Sheet. From <https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/pdf/fortigate-fortiwifi-40f-series.pdf>

[2] Router-switch.com. (n.d.). Overview of Fortinet FG-40F. From <https://www.router-switch.com/fg-40f.html>