

Introducing FortiGate® 4800F Series



The FortiGate 4800F series NGFW delivers high speed networking, increased scalability, and optimized performance features. Enterprises and service providers using the FortiGate NGFW can manage all of their security risks with the industry's best-of-breed IPS, SSL inspection, and threat protection. The FortiGate 4800F series can be deployed at the enterprise edge, the hybrid and hyperscale data center core, and across internal segments. The multiple high-speed interfaces, high port density, superior security efficacy, and high throughput of this series keeps your network connected and secure.

Security

- Identifies thousands of applications inside network traffic for deep inspection and granular policy enforcement
- Protects against malware, exploits, and malicious websites in both encrypted and non-encrypted traffic
- Prevent and detect against known and unknown attacks using continuous threat intelligence from AI-powered FortiGuard Labs security services

Performance

- Delivers industry's best threat protection performance and ultra-low latency using purpose-built security processor (SPU) technology
- Provides industry-leading performance and protection for SSL encrypted traffic

Certification

- Independently tested and validated for best-in-class security effectiveness and performance

Networking

- Delivers advanced networking capabilities that seamlessly integrate with advanced layer 7 security and virtual domains (VDMs) to offer extensive deployment flexibility, multi-tenancy and effective utilization of resources
- Delivers high-density, flexible combination of various high-speed interfaces to enable best TCO for customers for data center and WAN deployments

Management

- Includes a management console that is effective, simple to use, and provides comprehensive network automation and visibility
- Provides Zero Touch Integration with Fortinet's Security Fabric's Single Pane of Glass Management
- Predefined compliance checklist analyzes the deployment and highlights best practices to improve overall security posture

Security Fabric

- Enables Fortinet and Fabric-ready partners' products to provide broader visibility, integrated end-to-end detection, threat intelligence sharing, and automated remediation

SPECIFICATIONS

FG-4800F*
FG-4801F*



2.4 Tbps
Firewall Throughput

900,000 (25 Million)**
New Sessions/Sec.

280 Million (1.76 Billion)**
Concurrent Sessions



800 Gbps
VPN



75 Gbps
NGFW



70 Gbps
Threat Protection

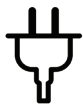
* Target performance, subject to final values.

** Requires Hyperscale Firewall License for hardware session setup acceleration and logging



Deployment Modes

Next Generation Firewall
Segmentation
IPS
Mobile Security



Power Supply

4 Hot-Swappable AC inputs



Interfaces

- 8× 400GE/200GE QSFP-DD Slots
- 12× 200GE/100GE/40GE QSFP56/28 Slots
- 12× 50GE/25GE/10GE SFP56/28 Slots
- 2× 10GE/GE RJ45 Mgmt Ports



Highlights

- Delivers compact hyperscale firewall that provides HW accelerated VXLAN and DDoS protection
- Provides security for very high throughput sessions known as Elephant flows
- Delivers the industry's highest speed NGFW with unprecedented Threat Protection and SSL inspection performance in a compact 4U appliance
- Provides superior flexibility and reduction in port and cable costs with uplink speeds in typical datacenter designs of 400 Gbps and 50 Gbps
- High speed 10GE redundant management interfaces and 50GE redundant HA interfaces with hot swappable/ redundant power supplies creating an ultra reliable and redundant system for datacenter deployments



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