Introducing FortiGate 3800G Series



Highlights

Gartner® Magic Quadrant™ Leaders for both Network Firewalls and WAN Edge Infrastructure

Secure Networking with FortiOS for converged networking and security

State-of-the-art unparalleled performance with Fortinet's patented SPU and vSPU processors

Enterprise security with consolidated AI/ML-powered FortiGuard services .

Hyperscale security to secure any edge at any scale

Artificial Intelligence, Machine Learning Security with Deep Visibility

The FortiGate 3800G Series enables organizations to build security-driven networks, forming the foundation of a robust Hybrid Mesh Firewall architecture. This approach weaves security deep into their datacenter and across their hybrid IT environment, protecting any edge at any scale.

Powered by a rich set of AI/ML-based FortiGuard Services and an integrated security fabriccplatform, the FortiGate 3800G Series delivers coordinated, automated, end-to-end threat protection across all use cases. The industry's first integrated Zero Trust Network Access (ZTNA) enforcement within an NGFW solution, FortiGate 3800G automatically controls, verifies, and facilitates user access to applications, delivering consistent convergence with a seamless user experience across your distributed network.

The industry's first integrated zero-trust network access (ZTNA) enforcement within an NGFW solution, the FortiGate 3800G automatically controls, verifies, and facilitates user access to applications, reducing lateral threats by providing access only to validated users for seamless user experience.

SPECIFICATIONS

FG-3800G
FG-3801G

795 Gbps
Firewall Throughput

1.11 Million
New Sessions/Sec.

200 Million
Concurrent Sessions

210 Gbps*
VPN

250 Gbps
IPS

210 Gbps
NGFW

200 Gbps
Threat Protection

* Target performance, subject to final values.

Fortinet SPUs: NP7 and CP10

Fortinet SPUs are designed with integrated security functions like zero trust, SSL, IPS, and VXLAN to name but a few, dramatically improving the performance of these functions that competitors traditionally implement in software. Fortinet's breakthrough SPU NP7 network processor works in line with FortiOS functions to deliver superior firewall performance while CP10 act as co-processors to offload resource-intensive processing of security functions.

Power Supply

Powered by up to 4 Power Supplies

Interfaces

- 4 × 400/2×200/2×100/2×40/4×100/8×50/8×25/8×10 GE QSFP-DD Slots
- 6 × 200/100/40/4×50/4×25/4×10 GE QSFP56 Slots
- 18 × 50/25/10 GE SFP56 Slots
- 2 × 10GE MGMT Port

www.fortinet.com

Copyright © 2025 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.

October 31, 2025 8:41 AM

FG-3800G-PB-20251030