

Introducing FortiGate Rugged 70G-5G-Dual



reddot winner 2024

Highlights

Gartner Magic Quadrant Leader for both Network Firewalls and WAN Edge Infrastructure.

Unparalleled Performance with patented ASIC for securing critical networks and OT.

Integrated Dual 5G Modems enable seamless, reliable, and high-speed communication, enhancing connectivity for various applications.

OT Security Service with AI-powered FortiGuard Services, coverage for 75+ OT applications and protocols.

Simplified Operations with centralized management, automation, and OT-specific analytics.

Security Solution for Mission Critical Networks

FortiGate Rugged 70G-5G-Dual NGFW ensures high-performance security in industrial and OT environments. Designed for critical infrastructures,, it integrates Fortinet’s latest security processor and 5G dual cellular modems for seamless WAN connectivity.

Unleash the power of secure connectivity with the FortiGate Rugged 70G-5G-Dual, the latest addition to Fortinet’s rugged portfolio designed for harsh environments. Featuring a new compact design with converged networking and security capabilities on a single processor, this cutting-edge appliance is driven by Fortinet’s ASIC-based microprocessor technology, FortiSP5. It delivers unparalleled performance for network traffic inspection, VPN, SD-WAN, universal zero trust network access (ZTNA), and AI-based real-time threat protection. The compact form factor enables a wide range of applications, and the cutting-edge dual 5G cellular modems offer reliable and high-speed communication. With FortiGuard’s AI/ML security capabilities that extend into the Fortinet Security Fabric platform, this NGFW offers secure networking at any scale.

SPECIFICATIONS

FGR-70G-5G-DUAL



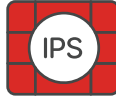
8 Gbps
Firewall Throughput

85 000
New Sessions/Sec.

1.4 Million
Concurrent Sessions



7.1 Gbps
VPN



2.25 Gbps
IPS

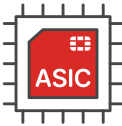


1.25 Gbps
NGFW



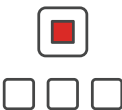
1.1 Gbps
Threat Protection

* Target performance, subject to final values.



FortiSP5: Security Processing Unit Engineered for Efficiency

With an application-specific design and embedded multi-core processors to accelerate the convergence of networking and security functions, the fifth-generation security processing unit (FortiSP5) is engineered for performance and efficiency. FortiSP5 is the latest generation of the Fortinet Security Processing Unit built to meet the high-performance and security requirements for the evolving infrastructure edge. This patented processor provides significant secure computing power advantages over traditional CPU and network ASICs. FortiSP5 consolidates network and content processing, delivering fast application identification, steering and overlay performance to give businesses best ROI, energy-efficiency and optimal security.



Interfaces

- 4x GE LAN Ports (includes, 1x bypass port pair)
- 2x GE WAN Ports
- 2x GE SFP Slots
- 2x 5G Integrated Cellular Modems (supports, 2x active SIM cards)



Power Supply

Dual DC Power Inputs (12VDC to 125VDC)



www.fortinet.com

Copyright © 2023 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.