FortiTester™
Comprehensive network device
performance evaluation

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FortiTester delivers precise, comprehensive information about your network devices so you can ensure optimum performance and device selection. Is your hardware fine-tuned for maximum throughput? Is your topology inadvertently introducing latency? Are there hidden points of congestion or vulnerability? A bad uplink or misconfigured switch? FortiTester gives you the power to truly see and streamline your network's performance.

Thorough test suite

With a suite of powerful yet easy-to use tests that simulate a variety of typical traffic conditions and a case library that stores past tests for easy comparison, FortiTester enables you to set performance standards and run audits to ensure that your network continues to meet them.

Tests include TCP throughput and connectivity; connections per second and request per second performance for both HTTP and HTTPS traffic; a sophisticated intrusion simulation test that reveals vulnerabilities to attacks; and CAPWAP throughput for wireless network performance.

Fortinet-specific testing

Designed specifically to evaluate Fortinet's proprietary combination of hardware and FortiOS, FortiTester is the only device that can deliver as comprehensive a view of the performance of your network devices.

Key Features & Benefits

Performance testing	Check transmission throughput in a variety of protocols and expose points of congestion to eliminate latency.
Case library	Save test results to compare performance over time.
Configurable test parameters	Every network is different. FortiTester allows you to customize test parameters to ensure meaningful results.

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Ensure optimum network performance and diagnose potential issues with comprehensive performance testing

- CAPWAP wireless access test
- HTTP/HTTPS connections per second test
- HTTP/HTTPS requests per second test
- TCP throughput test
- TCP concurrent connection performance test

SPECIFICATIONS

	FORTITESTER 2000D
Hardware Specifications	
Total Interface	4x 10 GE SFP+ slots, 1x Management GE RJ45 port
Storage	120 GB SSD
Form Factor	1U
Power Supply	Dual
System Performance	
UDP Throughput (64 / 512 / 1500 bytes)	14 / 19 / 19.5 Gbps
TCP Throughput	19 Gbps
TCP Connections	550,000
HTTP CPS	950,000
HTTPS CPS	7,000
HTTP RPS	2,700,000
HTTPS RPS	19,000
CAPWAP Throughput	2.7 Gbps
Dimensions and Power	
Height x Width x Length (inches)	1.73 x 17.24 x 22.83
Height x Width x Length (mm)	44 x 438 x 580
Weight	24.23 lbs (11.08 Kg)
Power Required	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	300 W / 360 W
Maximum Current	120V/6A, 240V/3A
Heat Dissipation	1228 BTU/h
Redundant Power Supplies	Dual Power Supplies

	FORTITESTER 2000D
Environment	
Operating Temperature	32–104°F (0–40°C)
Storage Temperature	-4 – 158°F (-20–70°C)
Humidity	5–95% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	
Regulatory Compliance	FCC Part 15 Class A, C-tick, VCCI, CE, UL/c
Safety	CSA, C/US, CE, UL

ORDER INFORMATION

Product	SKU	Description
FortiTester 2000D	FTS-2000D	Network Device Performance Evaluation System — 1x GE RJ45, 4x 10 GE SFP+, 120 GB SSD Storage.

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