Cisco FirePOWER 1010E Next-Generation Firewall (FPR1010E-NGFW-K9)

Cisco FirePOWER 1010E Next-Generation Firewall - Security appliance - desktop

The Cisco Firepower 1000 series is a family of firewall platforms that delivers business resiliency, management ease-of-use, and threat defense. They offer exceptional sustained performance when advanced threat functions are enabled. 1000 series addresses use cases from small offices to remote branches. 1000 series platforms run Cisco Threat Defense (FTD) or Cisco ASA software.

Key Selling Points

650 Mbps firewall and AVC throughput for high-speed security processing
Fanless design for quiet operation and reduced maintenance
Supports up to 100,000 concurrent sessions with AVC for robust network handling
Comprehensive compliance with major international standards
Flexible connectivity with multiple RJ-45, serial, and USB 3.0 ports

Product Features

Robust security
The Cisco FirePOWER 1010E Next-Generation Firewall offers comprehensive protection with its advanced firewall and Application Visibility and Control (AVC), coupled with Intrusion Prevention System (IPS) capabilities. These features ensure secure and efficient management of network traffic, safeguarding against threats without compromising performance.

High performance
Designed to handle demanding network environments, this security appliance boasts a firewall and AVC throughput of 650 Mbps and an IPSec VPN throughput of 300 Mbps. Its capacity to manage up to 100,000 concurrent sessions with AVC and 6,000 new connections per second ensures reliable performance under heavy loads.

Versatile connectivity
With a variety of interface options including eight RJ-45 connectors for 1000Base-T connections, a dedicated management port, a serial port, and a USB 3.0 port, the Cisco FirePOWER 1010E provides flexible connectivity options to meet diverse network requirements.

Fanless design
The fanless design of this desktop form factor security appliance not only reduces noise but also decreases the number of moving parts, contributing to a more reliable and maintenance-free operation.

Comprehensive compliance
Meeting a wide array of compliance standards such as FCC, EN, IEC, and more, the Cisco FirePOWER 1010E ensures adherence to global regulatory requirements, making it a trustworthy component in any network infrastructure.

Main specifications

Product Description	*Cisco FirePOWER 1010E Next-Generation Firewall - security appliance*
Device Type	*Security appliance*
Form Factor	*Desktop*
Hard Drive	*200 GB x 1*
Performance	*Firewall and Application Visibility and Control (AVC) throughput (1024B): 650 Mbps ¦ Firewall and Application Visibility and Control (AVC) and Intrusion Prevention System (IPS) throughput (1024B): 650 Mbps ¦ Firewall and Application Visibility and Control (AVC) throughput (450B): 225 Mbps ¦ Firewall and Application Visibility and Control (AVC) and Intrusion Prevention System (IPS) throughput (450B): 225 Mbps ¦ Transport Layer Security (TLS) throughput: 150 Mbps ¦ NGIPS throughput (1024B): 650 Mbps ¦ NGIPS throughput (450B): 225 Mbps ¦ IPSec VPN throughput (1024B TCP w/Fastpath): 300 Mbps*
Capacity	*Maximum concurrent sessions with AVC: 100000 ¦ New connections per second with AVC: 6000*
Power	*(50/60 Hz)*
Dimensions (WxDxH)	*19.9 cm x 20.5 cm x 4.62 cm*
Weight	*1.36 kg*
Manufacturer Warranty	*90 days warranty*

Extended specification

General

Device Type	*Security appliance*
Width	*19.9 cm*
Depth	*20.5 cm*
Height	*4.62 cm*
Weight	*1.36 kg*

Expansion / Connectivity

Interfaces	8 x - RJ-45 ¦ 1 x 1000Base-T (management) - RJ-45 ¦ 1 x serial - RJ-45 ¦ 1 x USB 3.0 - Type A

Manufacturer Warranty

Service & Support	Limited warranty - advance hardware replacement - 90 days - response time: 10 days

Networking

Form Factor	Desktop
Connectivity Technology	Wired
Performance	Firewall and Application Visibility and Control (AVC) throughput (1024B): 650 Mbps ¦ Firewall and Application Visibility and Control (AVC) and Intrusion Prevention System (IPS) throughput (1024B): 650 Mbps ¦ Firewall and Application Visibility and Control (AVC) throughput (450B): 225 Mbps ¦ Firewall and Application Visibility and Control (AVC) and Intrusion Prevention System (IPS) throughput (450B): 225 Mbps ¦ Transport Layer Security (TLS) throughput: 150 Mbps ¦ NGIPS throughput (1024B): 650 Mbps ¦ NGIPS throughput (450B): 225 Mbps ¦ IPSec VPN throughput (1024B TCP w/Fastpath): 300 Mbps
Capacity	Maximum concurrent sessions with AVC: 100000 ¦ New connections per second with AVC: 6000
Features	Fanless

Miscellaneous

Compliant Standards	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950-1, GB 4943, FCC CFR47 Part 15 A, AS/NZS CISPR22 Class A, CISPR 22 Class A, EN 55022 Class A, ICES-003 Class A, VCCI Class A, EN 61000-3-2, EN 61000-3-3, KN22 Class A, CNS 13438 Class A, EN 300 386, TCVN 7189, EN55024, CISPR 24, KN24, TVCN 7317, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, Directive 2004/108/EC, Directive 2006/108/EC

Power

Power Device	External power adapter
Voltage Required	(50/60 Hz)

Software / System Requirements

Software Included	Cisco Threat Defense 6.4

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	90% (non-condensing)

Processor / Memory / Storage

Hard Drive	200 GB x 1

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