

CISCO · FIREWALLS

FPR3120-NGFW-K9

8x1G RJ45 + 8x1/10G SFP+ Ports · 1x 1/10G Network Module Slot · NGFW Firewall

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	FPR3120-NGFW-K9
Category	Firewalls
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



Scan for price and stock

200+

Countries Served

18,000+

Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty



CISCO · FIREWALLS

FPR3120-NGFW-K9

8x1G RJ45 + 8x1/10G SFP+ Ports · 1x 1/10G Network Module Slot · NGFW Firewall

The FPR3120-NGFW-K9 is a Cisco Secure Firewall 3120 next-generation firewall appliance with Threat Defense software for internet-edge and data center security. The 1RU appliance is rated at 21.0 Gbps of firewall, application visibility and IPS throughput on 1024B packets, with 4 million concurrent sessions with AVC, 10 Gbps of IPsec VPN throughput and 7,000 VPN peers across 8 RJ-45 and 8 1/10G SFP+ ports.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	FPR3120-NGFW-K9	Cisco ordering description	Cisco Secure Firewall 3120 Appliance with Threat Defense software
Supported Threat Defense releases	7.1, 7.2, 7.3, 7.4.1–7.4.x, 7.6, 7.7 and 10.x (7.4.0 not supported)	Network module slots	1
Network modules	8 x 1/10G options: FPR3K-XNM-8X10G, FPR3K-XNM-6X1SXF, FPR3K-XNM-6X1OSRF, FPR3K-XNM-6X1OLRF, FPR3K-XNM-8X1GF	Maximum number of interfaces	Up to 24 total Ethernet ports (8x1G RJ-45, 8x1/10G SFP, and network module)
Serial port	1 x RJ-45 console	Throughput: FW + AVC (1024B)	21.0 Gbps
Throughput: FW + AVC + IPS (1024B)	21.0 Gbps	Throughput: NGIPS (1024B)	21.0 Gbps
TLS throughput	6.7 Gbps (50% TLS 1.2 traffic, AES256-SHA, RSA 2048B keys)	IPSec VPN throughput (1024B TCP w/Fastpath)	10 Gbps
Projected IPSec VPN throughput with VPN offload (FTD 7.2)	13.5 Gbps	DRAM	128 GB
SSD storage	1x 900 GB NVMe SSD, 1x spare slot for software RAID1	Multi-instance mode	Threat Defense 7.4.1 and later
Integrated I/O	8 x 10M/100M/1GBASE-T Ethernet interfaces (RJ-45), 8 x 1/10 Gigabit (SFP) Ethernet interfaces	Clustering	Up to 8 chassis
Application visibility (AVC)	Standard, more than 4000 applications, geolocations, users, and websites	Cisco security intelligence	Standard, with IP, URL, and DNS threat intelligence
URL Filtering: number of categories	More than 80	URL Filtering: number of URLs categorized	More than 280 million
Deployment modes	Firewall or dedicated IPS	Cisco trust anchor technologies	Included
Maximum new connections per second, with AVC	170,000	Maximum VPN peers	7,000
High availability	Active/active, active/standby	Q-in-Q (stacked VLAN)	Up to two 802.1Q headers per packet on inline sets and passive interfaces

Integrated network management ports	1 x 1/10G SFP	USB	1 x USB Type-A (900 mA)
Local on-device management	Firewall Device Manager, included with the Threat Defense image	Centralized management	Firewall Management Center or Cisco Security Cloud Control
Software image	Cisco Secure Firewall Threat Defense	Default power supply	FPR3K-PWR-AC-400, 400W AC (one installed)
Power supply configuration	Single 400W AC; dual 400W AC optional; single or dual 400W DC optional	Power redundancy	1+1 AC or DC with dual supplies; AC and DC supplies cannot be mixed
Maximum concurrent sessions, with AVC	4 million	AC input voltage	100 to 240V AC
AC maximum input current	< 6A at 100V	AC input frequency	50 to 60 Hz
DC input voltage	-48V to -60VDC	AC maximum output power	400W
DC maximum output power	400W	DC efficiency	>88% at 50% load
Sound power	72 dB typical, 80 dB maximum	Fan modules	2 hot-swappable fan modules (2 fans each), 3+1 redundancy
Airflow	Front to rear (I/O side to non-I/O side), cold aisle to hot aisle	Noise	65 dBA at 25°C, 74 dBA maximum
Form factor (rack units)	1RU	Dimensions (H x W x D)	1.75 x 17 x 20 in. (4.4 x 43.3 x 50.8 cm)
Mounting	19-inch 4-post EIA-310-D rack; 2-post fixed mount brackets optional	Temperature: operating	0°C to 40°C (32°F to 104°F)
Temperature: nonoperating	-20°C to 65°C (-4°F to 149°F)	Altitude: operating	10,000 ft (max)
Altitude: nonoperating	40,000 ft (max)	Safety certifications	UL 62368-1, CAN/CSA-C22.2 No. 62368-1, EN 62368-1, IEC 62368-1, IEC 60950-1, AS/NZS 62368-1, GB4943
EMC: emissions	FCC 47CFR15 Class A, AS/NZS CISPR 32 Class A, EN55032/CISPR 32 Class A, ICES-003 Class A, VCCI Class A, KS C 9832 Class A, CNS-13438 Class A, EN61000-3-2, EN61000-3-3	EMC: immunity	IEC/EN61000-4-2, IEC/EN61000-4-3, IEC/EN61000-4-4, IEC/EN61000-4-5, IEC/EN61000-4-6, IEC/EN61000-4-11, KS C 9835
EMC: ETSI/EN	EN 300 386, EN55032/CISPR 35, EN55024/CISPR 24, EN55035/CISPR 35, EN61000-6-1	Regulatory compliance	CE markings

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM

Get Price and Availability for FPR3120-NGFW-K9

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

[Request a Quote](#)

[View Product Page](#)



Email sales@layer23-switch.com WhatsApp [+86 171 8118 9993](https://wa.me/8617181189993) WeChat [layer23-switch](#) Telegram [@layer23_switch](#)

Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.

LAYER23-SWITCH