



# Cisco Firepower 7000 Series Appliances Datasheet



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## OVERVIEW

The modern network is diverse, resulting in a wide variety of throughput, connectivity, and security requirements within a single organization. Data center constraints on space, power, and cooling just add to your challenges of finding the right network security device. The Cisco FirePOWER™ 7000 Series solves these challenges by providing leading threat protection appliances with scalability, energy efficiency, and a low total cost of ownership. The Cisco FirePOWER 7000 Series Appliances are the base platform for the Cisco FirePOWER next-generation Intrusion Prevention System (NGIPS) threat protection solution. They integrate real-time contextual awareness, full-stack visibility, and intelligent security automation to deliver effective security, reliable performance, and a lower cost of ownership. Threat protection can be expanded with optional subscription licenses to provide Advanced Malware Protection (AMP) and application visibility and control.

Optimized for network security processing, FirePOWER delivers breakthrough performance with purpose-built hardware acceleration technology and by using three separate data processing stages, each custom designed for particular workloads. With eight throughput models (from 50 Mbps to 1.25 Gbps) and up to 12 available ports to support mixed media, the Cisco FirePOWER 7000 Series enables you to deploy security appliances based on network link and organizational use case requirements.

## APPEARANCE

**Figure 1.** Cisco Firepower 7010/7020/7030/7050



**Figure 2.** Cisco Firepower 7110/7115/7120/7125



## MIXED-MEDIA SUPPORT THROUGH SMALL FORM-FACTOR PLUGGABLE TECHNOLOGY

While other Cisco FirePOWER 7000 Series Appliances provide fixed connectivity (either copper or fiber), the Cisco FirePOWER 7115 and 7125 appliances support mixed-media capabilities in 12 available ports - 4 copper configurable-bypass ports and 8 non-bypass Small Form-Factor Pluggable (SFP) socket ports. This mixed-media and increased port density easily integrate with your existing network environment and allow you to address more network configurations with a single device.

The Cisco FirePOWER 7000 Series Appliances perfectly complement the higher-throughput Cisco FirePOWER 8000 Series Appliances.

## FEATURES AND BENEFITS

In Cisco FirePOWER 7000 Series Appliances, the best technology and features are not reserved for only the most expensive models (Table 1).

**Table 1. Cisco FirePOWER 7000 Series Appliances Features and Benefits**

Feature	Benefit
Solid state storage	Superior performance and reliability due to no moving parts instead of rotational media such as hard disk drives (HDDs).
Integrated lights-out management	Provides the ability to remotely monitor and manage systems without having to be physically near the appliance.
LCD display and control panel	Enables easy system configuration and access to important system information (CPU use, RAM use, IP address, etc.).
Simple Network Management Protocol monitoring	Monitor systems by automatically generating and sending alerts (intrusion, discovery, malware, correlation, connection events, health status change).
Integrated recovery drive	Recover the system to "as shipped" condition in case of a problem without the need for external drives/USB keys/downloading, etc.
Programmable fail-open interfaces	Flexibility of deployment models for either passive or in-line modes. Network interfaces can automatically fail-open to allow traffic to continue to pass in the event of failure or triggered event.
Redundant power supplies	Provides enterprise-class reliability and system uptime in case of power module failure.

## PRODUCT SPECIFICATIONS

**Table 2. Cisco FirePOWER 7000 Series Appliances Product Specifications**

Model	7010	7020	7030	7050	7110	7115	7120	7125
Performance and Functionality								
IPS Throughput*	50 Mbps	100 Mbps	250 Mbps	500 Mbps	500 Mbps	750 Mbps	1 Gbps	1.25 Gbps
Modular Interfaces	No	No	No	No	No	Yes - 8 SFP sockets	No	Yes - 8 SFP sockets
Monitoring Interfaces	(8) 1-Gbps copper	(8) 1-Gbps copper	(8) 1-Gbps copper	(8) 1-Gbps copper	(8) 1-Gbps copper; (8) 1-Gbps short-range fibers	(12) total - (4) 1-Gbps copper; (8) SFP sockets	(8) 1-Gbps copper; (8) 1-Gbps short-range fiber	(12) total - (4) 1-Gbps copper; (8) SFP sockets
Programmable Fail-Open Interfaces	Yes	Yes	Yes	Yes	Yes	Yes; (4)	Yes	Yes; (4)
Management Interfaces	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
Management Interface Speed	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000
Typical Latency	< 150 microseconds	< 150 microseconds	< 150 microseconds	< 150 microseconds	< 150 microseconds	< 150 microseconds	< 150 microseconds	< 150 microseconds

Memory (RAM)	4 GB	4 GB	4 GB	4 GB	16 GB	16 GB	16 GB	16 GB
Lights-Out Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Stackable	No	No	No	No	No	No	No	No
Dual Power Supplies	No	No	No	No	Yes	Yes	Yes	Yes
Cooling Fans	2	2	2	2	5	5	5	5

\* Exact network performance experienced will vary depending on conditions outside of the control of Cisco, including the protocol mix and average packet size inspected.

## ORDERING INFORMATION

**Table 3. Ordering information**

Product number	Product description
<a href="#">FP7010-K9</a>	Cisco FirePOWER 7010 Chassis.1U.8 Port Copper REMANUFACTURED
<a href="#">FP7010-K9-RF</a>	Cisco FirePOWER 7020 Chassis. 1U. 8 Port Copper
<a href="#">FP7020-K9</a>	Cisco FirePOWER 7020 Chas. 1U. 8 Port Copper REMANUFACTURED
<a href="#">FP7020-K9-RF</a>	Cisco FirePOWER 7030 Chassis. 1U. 8 Port Copper
<a href="#">FP7030-K9</a>	Cisco FirePOWER 7030 Chassis. 1U.8Port Copper REMANUFACTURED
<a href="#">FP7030-K9-RF</a>	Cisco FirePOWER 7050 Chassis. 1U. 8 Port Copper
<a href="#">FP7050-K9</a>	Cisco FirePOWER 7050 Chas.1U.8 PortCopper REMANUFACTURED
<a href="#">FP7050-K9-RF</a>	Cisco FirePOWER 7110 Chassis. 1U. 8 Port 1Gbps Fiber

<a href="#">FP7110-FI-K9</a>	Cisco FirePOWER 7110 Chassis. 1U. 8 Port Copper
<a href="#">FP7110-K9</a>	Cisco FirePOWER 7110 Chassis.1U.8 Prt Copper REMANUFACTURED
<a href="#">FP7110-K9-RF</a>	Cisco FirePOWER 7115. 1U. 4 Port Copper and 8 SFP Ports
<a href="#">FP7115-K9</a>	FirePOWER 7115.1U.4PortCopper and 8 SFP Ports REMANUFACTURED
<a href="#">FP7115-K9-RF</a>	Cisco FirePOWER 7120 Chassis. 1U. 8 Port 1Gbps Fiber
<a href="#">FP7120-FI-K9</a>	Cisco FirePWR7120 Chassis.1U.8 Port1GbpsFiber REMANUFACTURED
<a href="#">FP7120-FI-K9-RF</a>	Cisco FirePOWER 7120 Chassis. 1U. 8 Port Copper
<a href="#">FP7120-K9</a>	FirePOWER 7120 Chassis. 1U. 8 Port Copper REMANUFACTURED
<a href="#">FP7120-K9-RF</a>	Cisco FirePOWER 7125. 1U. 4 Port Copper and 8 SFP Ports
<a href="#">FP7125-K9</a>	Cisco FirePOWER 8120 Chassis. 1U. 3 Slots

## WHERE TO BUY

**Want to buy this series of products? please contact:**

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: [cisco@router-switch.com](mailto:cisco@router-switch.com) (Sales Inquiries)

**Or visit:** [Cisco Firepower 7000 Series Appliances](#)

### About us

Router-switch.com (HongKong Yejian Technologies Co., Ltd), founded in 2002, is one of the biggest Global Network Hardware Supplier. We are a leading provider of network products with 18,000+ customers in over 200 countries. We provide original new and used network equipments ([Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Juniper](#), EMC, etc.), including Routers, Switches, Servers, Storage, Telepresence and Videoconferencing, IP Phones, Firewalls, Wireless APs & Controllers, EHWIC/HWIC/VWIC Cards, SFPs, Memory & Flash, Hard Disk, Cables, and all kinds of network solutions related products.

## SOURCES

<https://www.cisco.com/c/en/us/products/collateral/security/firepower-7000-series-appliances/datasheet-c78-732954.html>