CISCO

Cisco Firepower 2100 Series NGFW Appliances

Keep the business moving through superior threat defense

Keeping your business running 24 hours a day is the number one priority for your network operations team. And continuous uptime requires security. Your network isn't really up—your IT environment isn't delivering value—if you're fighting a pervasive breach or if the network is too slow for you to get meaningful work done. Unfortunately, when it comes to next-generation firewalls (NGFWs), you're often forced to choose between security and network throughput performance. But you can have both.

The Cisco Firepower® 2100 Series NGFWs keep your business moving by delivering superior threat defense. Each appliance uses the most up-to-date intelligence from our Talos team of threat researchers to prevent breaches and will continue to inspect files even after they have traversed the network. This continuous analysis of file and network activity detects potentially malicious behavior so you can quickly eliminate it. And yet the 2100 Series sustains its network throughput as these threat inspection features are activated. Now, achieving security doesn't come at the expense of network performance.

How does the Cisco Firepower 2100 Series NGFW achieve this? It incorporates an innovative dual multicore CPU architecture that optimizes firewall, cryptographic, and threat inspection functions simultaneously. Layer 2 and 3 functionality is processed on 1 NPU (network processing unit). Threat inspection and other services are processed on a separate multicore x86 CPU. By splitting the workload, the Cisco 2100 reduces performance degradation. The firewall doesn't become a network bottleneck the way it does in competing solutions when threat inspection is activated.

Benefits

- **Prevent breaches**, and detect and eliminate advanced threats fast before damage can be done

- **Keep the business moving** with sustained performance and reliability

- **Use built-in Intrusion Prevention System** (IPS) functionality without a performance hit

- **Get twice the port density and performance** offered by similarly priced competitive products

- **Go from connection to protection in 5 minutes** with the web-based Cisco Firepower® Device Manager

- **Save on power and space costs** with a 1-rack-unit form factor

Next steps

Learn more about the Cisco Firepower 2100 Series

Learn more about Cisco Firepower NGFWs

Learn more about Cisco Firepower NGIPS threat appliances

Learn more about the Cisco Advanced Malware Protection capability

Learn more about the Cisco Talos Security Intelligence and Research team

Want a quick link to everything NGFW? Visit the Cisco Firewall User Community page.

And now, the Cisco Firepower NGFW is easier to manage and less time consuming to set up. IT efficiency is boosted, and your total cost of ownership drops. You can also choose between a localized and a centralized management console that fits your environment and the way you work.

The Cisco Firepower 2100 Series appliances can be deployed either as a Next-Generation Firewall (NGFW) or a Next-Generation IPS (NGIPS). They are perfect for the Internet edge and all the way in to the data center. Four models are available (shown in Figures 1 and 2).

- The Cisco Firepower 2110 and 2120 offer 2 and 3 Gbps of firewall throughput, respectively. They provide increased port density with up to sixteen (16) 1 Gbps ports in a 1-rack-unit (1RU) form factor.
- The 2130 and 2140 models provide 5 and 8.5 Gbps of firewall throughput, respectively. These models differ from the others in that you can customize them through the use of network modules, or NetMods. They can provide up to twenty-four (24) 1-Gbps ports or up to twelve (12) 10-Gbps ports in a 1RU appliance.

Figure 1. Cisco Firepower 2110 and 2120

Figure 2. Cisco Firepower 2130 and 2140

Promotional offers

The most common use case for the midrange Cisco Firepower 2100 Series is the Internet edge. We offer attractive discounts to make adoption or migration more cost-effective.

Combine the Cisco Firepower Management Center (FMC) 1000 with any 2100 Series NGFW or High-Availability (HA) pair and receive a 33 percent discount on the FMC 1000.

The HA bundle includes two identical appliances with subscriptions for each. The second subscription is automatically discounted at 50 percent.

- Choose 1 appliance or HA pair
  FPR2100-FMC-BUN-PR
  FPR21xx-FTD-HA-BUN
  Choose a subscription
  L-FPR21xx-XXX-XY
  (XXX = T, TC, TM, or TMC) for 1, 3, or 5 years (XY)

Easy Pay lease offer

With Cisco Capital® Easy Pay, you get 0 percent financing over 3 years, paying only 90 percent of the hardware purchase price and 100 percent of the software and services (maximum 70 percent of the bill of materials). At the end of the term, you can return the hardware, refresh the hardware, or purchase the hardware for the remaining 10 percent of the original purchase price (where available).

Offers vary by country. The participating country's terms and conditions apply. Finance partner credit approval is required.