

A10 Thunder® Convergent Firewall

Enabling Advanced Application and Infrastructure Security and Availability

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A10

Solution Overview: A10 Thunder® Convergent Firewall (CFW) is a high-performance, consolidated security solution for service providers, cloud providers and large enterprises that includes integrated application delivery and security solutions in a single, standalone product. Thunder CFW features a carrier class firewall for mobile infrastructure security, carrier-grade networking, secure application delivery, data center firewall, DNS security, IPsec VPN, and secure web gateway. A high-performance, all-inclusive security product, Thunder CFW is a cost-effective approach for strengthening security postures and protecting network perimeters without the need for disparate point products. Thunder CFW provides industry-leading high performance as a physical, virtual or containerized solution. Built on A10's ACOS platform, the solution boasts maximized performance and scalability with a compact data center footprint that seamlessly integrates security and application networking functionalities. By leveraging 3rd Gen Intel® Xeon® Scalable Processors, Thunder CFW virtual appliance is able to achieve performance of 100Gbps throughput and 328,000 connections per second, with higher performance possible.¹

Business Outcomes



Achieve high-performance security and scale ensuring protection against rising cyberthreats while maintaining low latency and high throughput.



Comprehensive mobile infrastructure security blocks network and DDoS attacks from a variety of intrusion points at the Gi/SGi, GTP/roaming and RAN in 3G-4G, 5G SA, 5G NSA and MEC architectures.



Help boost ROI by streamlining functions that typically require deployment of disparate point products in a compact, high-performance appliance or integrated software stack.

Key Features

- Carrier class Gi/SGi firewall
- Data center firewall
- Carrier grade networking/CGNAT
- Agile management and analytics-driven dashboard
- DNS infrastructure security
- IPsec VPN
- Secure web gateway
- Secure application delivery
- Form Factors: physical, virtual, or containerized

Intel Products and Technologies

- [3rd Gen Intel® Xeon® Scalable Processor Product Page](#)
- [Intel® Ethernet Network Adapter E810 Product Page](#)

Segment:
Network Security

Industry:
Service Provider, Large Enterprise, Cloud Providers

Country/Geo:
Global

Learn more:

- [A10 Networks Website](#)
- [Thunder CFW Product Page](#)
- [Thunder CFW Data Sheet](#)
- [Intel and A10 Networks White Paper](#)

¹. [White Paper: A10 Thunder CFW Virtual Appliance](#), August 2022

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