

A10 Thunder Multi-tenant Virtual Platform (MVP) Specifications

A10 Thunder MVP is an advanced multi-tenancy solution enabling multiple virtual instances of Application Delivery Controller (ADC) along with an expanded feature set of A10 capabilities on a purpose-built hardware.

A10 Thunder MVP	
Performance with ADC	
Application Throughput (L4 / L7)*	200 Gbps / 200 Gbps
Connections Per Second (L4 / L7)*1	4.7 Million / 2.7 Million
SSL Bulk Throughput*2	60 Gbps
SSL CPS (RSA / ECDSA)*2	166K / 83K
vThunder Instances	Up to 14
Network Interface	
25/10 GE Fiber (SFP28/SFP+)	4
100/40 GE Fiber (QSFP28/QSFP+)	4
Hardware Specifications	
Processor	2 x Intel Xeon 32-core*3
Memory	256 GB
Storage	2 x SSD
TLS/SSL Security Processor	Integrated QAT
Power Supply (DC option available)	Dual 1400W power supply

Specifications and performance numbers are subject to change without notice, and may vary depending on configuration and environmental conditions.

*1 Layer 7 connections per second - measures number of new HTTP connections (1 HTTP request per TCP connection, without TCP connection reuse) within 1 second

*2 RSA (2K keys) cipher: "TLS_RSA_WITH_AES_128_CBC_SHA256", ECDSA (EC P-256) cipher: "TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256"

*3 CPU specification has been changed from 24-core to 32-core as of Nov. 2025

+ Available bandwidth license: 50, 100, 150, 200 Gbps. Maximum throughput performance depends on the license.

All Thunder MVP performance specifications are aggregate numbers that use the following VM profiles:

- A10 Thunder MVP for ADC is tested on Dell PowerEdge R760 with 14-VM profile (6 vCPUs, 16 GB memory, 60GB storage, 4 SSL virtual functions (VFs) assigned on each vThunder)

About A10

[A10Networks.com](https://www.a10networks.com)

Contact Us

[A10Networks.com/contact](https://www.a10networks.com/contact)

©2026 A10 Networks, Inc. All rights reserved. A10 Networks, the A10 Networks logo, ACOS, Thunder, Harmony and SSL Insight are trademarks or registered trademarks of A10 Networks, Inc. in the United States and other countries. All other trademarks are property of their respective owners. A10 Networks assumes no responsibility for any inaccuracies in this document. A10 Networks reserves the right to change, modify, transfer, or otherwise revise this publication without notice. For the full list of trademarks, visit: [A10Networks.com/a10trademarks](https://www.a10networks.com/a10trademarks).

Part Number: A10-DS-15131-EN-09 January 2026