

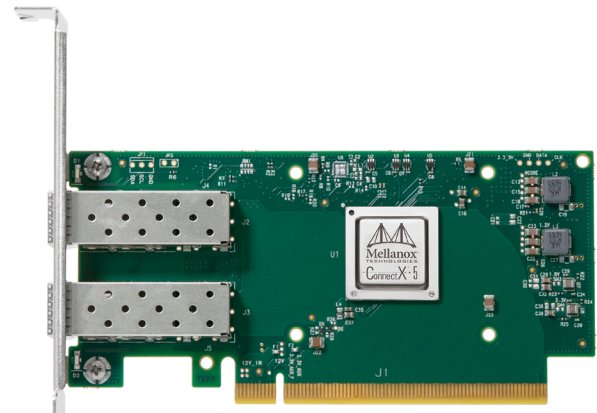
A10 Virtual Appliance with Mellanox Achieves 100Gbps Throughput

A10 vThunder CGN / Mellanox ConnectX-5 Joint Solution

Mellanox ConnectX[®]-5 100Gbps high-speed Ethernet Network Interface Card (NIC), enables the highest performance and achieves 100Gbps throughput for the A10 vThunder CGN appliance.

ConnectX-5 EN-100Gbps Ethernet Single/Dual Port Adapter

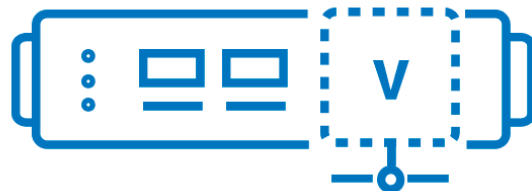
The intelligent ConnectX-5 EN 100Gbps NIC family, supporting In-Network Computing, brings new acceleration engines to High Performance Computing, Web 2.0, Cloud, Data Analytics, Database, Storage platforms, and other applications, to maximize performance and flexibility.



A10 VTHUNDER ADC / CGN / CFW

The features of the A10 virtualized appliance are optimized for VNF (Virtual Network Function). Based on a different license, the following features are supported.

- vThunder ADC provides advanced application delivery.
- vThunder CGN provides Carrier Grade NAT and IPv6 migration.
- vThunder CFW provides Proxy and Firewall functions.



In addition to ConnectX-5, Mellanox ConnectX-3 and ConnectX-4 are also supported for 40Gbps and 100Gbps, using a different license.

Configuration Reference: Parameters for Achieving 100Gbps Throughput

Server CPU	2 x Intel Xeon E5-2697 v4 CPU
Hypervisor	KVM
Hyper Threading	OFF
CPU Core Allocation in vThunder	32
Memory Size Allocation In vThunder	32 GB
Disk Size Allocation To vThunder	20 GB
CPU Pinning	Mandatory: 2-34 cores are allocated
ACOS Version	4.1.4-P3 or later

About Mellanox

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end Ethernet and InfiniBand smart interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications, unlocking system performance and improving data security. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application performance and maximize business results for a wide range of markets including cloud and hyperscale, high performance computing, artificial intelligence, enterprise data centers, cyber security, storage, financial services and more. More information is available at: www.mellanox.com.

About A10 Networks

A10 Networks (NYSE: ATEN) enables service providers, cloud providers and enterprises to ensure their 5G networks and multi-cloud applications are secure. With advanced analytics, machine learning and intelligent automation, business-critical applications are protected, reliable and always available. Founded in 2004, A10 Networks is based in San Jose, Calif. and serves customers in 117 countries worldwide. For more information, visit: www.a10networks.com and @A10Networks.



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