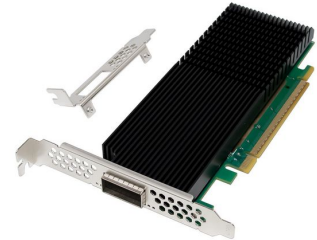


MPN: MC-PCIE5.0X16-CONNECTX-7

Network Card PCIe 5.0 ×16 ConnectX-7 Single-400GbE

The PCIe 5.0 ×16 ConnectX-7 Single-400GbE Network Card is a next-generation, ultra-high-speed Ethernet adapter designed for the most demanding data center, AI, and HPC workloads. Powered by NVIDIA/Mellanox's ConnectX-7 controller, it delivers a single-port 400 Gigabit Ethernet connection via QSFP112, offering unmatched throughput, ultra-low latency, and advanced offload capabilities. With PCIe Gen5 ×16 interface, it ensures maximum bandwidth to the host system, making it ideal for AI training clusters, cloud infrastructure, and high-performance storage networks.



- NVIDIA/Mellanox ConnectX-7 controller with single 400GbE QSFP112 port
- PCI Express Gen5 ×16 interface for maximum host-to-network bandwidth
- Supports RDMA (RoCEv2), GPUDirect, NVMe over Fabrics, and hardware offloads for VXLAN, GENEVE, and IPsec
- Ideal for AI/ML workloads, HPC, cloud-scale networking, and high-throughput storage systems
- Compatible with major server platforms; supports Windows Server 2022, RHEL/CentOS 8+, Ubuntu 20.04+, and VMware ESXi 7.0/8.0
- Includes 1 × User's Manual, 1 × CD-Driver, 1 × Low profile bracket

Specifications

Design	Chipset	Mellanox ConnectX-7
	Internal	Yes
	Recommended usage	PC
Network	Maximum data transfer rate	400000 Mbit/s
Ports & interfaces	Connectivity technology	Wired
	Host interface	PCI Express
	Interface	QSFP112
Vendor information	Brand Name	MicroConnect
	Warranty	25 Year(s)

Other images

