

NVIDIA ConnectX-6 Adapter Family

200G VPI adapters (HDR InfiniBand and 200GbE) delivering RDMA, GPUDirect and hardware offloads for HPC, cloud and storage nodes — the workhorse NIC across a huge installed base.

Key capabilities

- ▶ Single- and dual-port QSFP56, VPI (IB + Ethernet)
- ▶ HDR / HDR100 InfiniBand and 200/100/50/25GbE
- ▶ PCIe Gen4 x16, Multi-Host and Socket Direct options
- ▶ RoCE, GPUDirect RDMA, T10-DIF, NVMe-oF acceleration

Representative part numbers

Part number	Description	Key spec
MCX621102AE-ADAT	ConnectX-6 25G Dual-Port Adapter	—
MCX621202AC-ADAT	ConnectX-6 Lx 25G Dual-Port Adapter	—
MCX623102AN-ADAT	ConnectX-6 Dx 25G Dual-Port Adapter	—
MCX623105AC-VDAT	ConnectX-6 200G Single-Port Adapter	—
MCX623105AN-CDAT	ConnectX-6 Dx 100G Single-Port QSFP56 Adapter	—
MCX623105AN-VDAT	ConnectX-6 Dx 200GbE Single-Port QSFP56 Adapter	—
MCX623106AC-CDAT	ConnectX-6 Dx 100GbE Dual-Port QSFP56 Adapter	—
MCX623430MS-CDAB	ConnectX-6 Dx 100GbE Dual-Port OCP Adapter	—
MCX623432AS-ADAB	ConnectX-6 Lx 25G Dual-Port SFP28 OCP Adapter	—
MCX623435AC-CDAB	ConnectX-6 100G OCP Adapter	—
MCX623435AC-CDAI	ConnectX-6 Dx 100GbE Single-Port QSFP56 OCP Adapter	—
MCX623436AC-CDAB	ConnectX-6 Dx 100GbE Dual-Port QSFP56 OCP Adapter	—

MCX623436MN-CDAB ConnectX-6 Dx 100G Dual-Port QSFP56 OCP Adapter —

MCX631102AC-ADAT ConnectX-6 Lx 25GbE Dual-Port SFP28 Adapter —

Request a quote · 24-hour response

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