

Mellanox ConnectX6

- MCX621202##-#### - ConnectX-6 Dx EN adapter card, 25GbE, with active cooling, Dual-port SFP28, PCIe 4.0 x8
- MCX623106##-#### - ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, PCIe 4.0 x16
- MCX623105##-#### - ConnectX-6 Dx EN adapter card, 200GbE, Single-port QSFP56, PCIe 4.0 x16,
- MCX631102##-#### - ConnectX-6 Lx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x8
- MCX614106A-CCAT - ConnectX®-6 EN adapter card, 100GbE, dual-port QSFP56, Socket Direct 2x PCIe3.0 x16
- MCX614105A-VCAT - ConnectX®-6 EN adapter card, 200GbE, single-port QSFP56, Socket Direct 2x PCIe3.0 x16
- MCX614106A-VCAT - ConnectX®-6 EN adapter card, 200GbE, dual-port QSFP56, Socket Direct 2x PCIe3.0 x16
- MCX613106A-VDAT -ConnectX®-6 EN adapter card, 200GbE, dual-port QSFP56, PCIe4.0 x16

ConnectX-6 Dx

Configuration	NVIDIA SKU	Legacy OPN	Marketing Description
25GbE with Active Cooling Cards	900-9x663-0073-SQ0	MCX621202AS-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, with active cooling, Dual-port SFP28, PCIe 4.0 x8, Secure Boot, No Crypto, Tall Bracket
	900-9x663-0083-SQ0	MCX621202AC-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, with active cooling, Dual-port SFP28, PCIe 4.0 x8, Crypto and Secure Boot, Tall Bracket
100GbE Cards	900-9X6AG-0086-ST0(a)	MCX623106AC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
	900-9X6AG-0056-ST1	MCX623106AN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, PCIe 4.0 x16, No Crypto, Tall Bracket
	900-9X6AG-0076-ST0	MCX623106AS-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, PCIe 4.0 x16, Secure Boot, No Crypto, Tall Bracket
200GbE Cards	900-9X6AG-0018-ST0	MCX623105AN-VDAT	ConnectX-6 Dx EN adapter card, 200GbE, Single-port QSFP56, PCIe 4.0 x16, No Crypto, Tall Bracket

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Legacy OPN	Marketing Description
MCX623102AS-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x16, Secure Boot, No Crypto, Tall Bracket

Legacy OPN	Marketing Description
MCX623102AS-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x16, Secure Boot, No Crypto, Tall Bracket
MCX621102AN-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x8, No Crypto, Tall Bracket
MCX621102AC-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x8, Crypto and Secure Boot, Tall Bracket
MCX623102AC-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623102AN-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX621102AE-ADAT	ConnectX-6 Dx EN adapter card, 25GbE, Dual-port SFP28, PCIe 4.0 x8, Crypto, No Secure Boot, Tall Bracket
MCX623102AC-GDAT	ConnectX-6 Dx EN adapter card, 50GbE, Dual-port SFP56, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623102AN-GDAT	ConnectX-6 Dx EN adapter card, 50GbE , Dual-port SFP56, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX623102AE-GDAT	ConnectX-6 Dx EN adapter card, 50GbE, Dual-port SFP56, PCIe 4.0 x16, Crypto, No Secure Boot, Tall Bracket
MCX623102AS-GDAT	ConnectX-6 Dx EN adapter card, 50GbE, Dual-port SFP56, PCIe 4.0 x16, Secure Boot, No Crypto, Tall Bracket
MCX623105AN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Single-port QSFP56, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX623106PC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, with PPS In/Out, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623105AC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Single-port QSFP56, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623105AE-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Single-port QSFP56, PCIe 4.0 x16, Crypto, No Secure Boot, Tall Bracket
MCX623106AE-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, PCIe 4.0 x16, Crypto, No Secure Boot, Tall Bracket
MCX623109AC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Single-port DSFP, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623109AN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE , Single-port DSFP, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX623106GC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, Enhanced-SyncE & PTP GM support and GNSS, PPS Out, PCIe 4.0 x16, Crypto and Secure Boot, FHHL with Tall Bracket
MCX623106TC-CDAT(a)	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, Enhanced-SyncE & PTP, PPS In/Out, PCIe 4.0 x16, Crypto and Secure Boot, FHHL with Tall Bracket
MCX623106GN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, Enhanced-SyncE & PTP GM support and GNSS, PPS Out, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX623106PC-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, with PPS In/Out, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket
MCX623106PE-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, with PPS In/Out, PCIe 4.0 x16, Crypto, No Secure Boot, Tall Bracket
MCX623106PN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, with PPS In/Out, PCIe 4.0 x16, No Crypto, Tall Bracket

Legacy OPN	Marketing Description
MCX623106TN-CDAT	ConnectX-6 Dx EN adapter card, 100GbE, Dual-port QSFP56, with PPS In/Out, PCIe 4.0 x16, No Crypto, Tall Bracket
MCX623105AE-VDAT	ConnectX-6 Dx EN adapter card, 200GbE, Single-port QSFP56, PCIe 4.0 x16, Crypto, No Secure Boot, Tall Bracket
MCX623105AS-VDAT	ConnectX-6 Dx EN adapter card, 200GbE, Single-port QSFP56, PCIe 4.0 x16, Secure Boot, No Crypto, Tall Bracket
MCX623105AC-VDAT(a)	ConnectX-6 Dx EN adapter card, 200GbE, Single-port QSFP56, PCIe 4.0 x16, Crypto and Secure Boot, Tall Bracket

ConnectX-6 Lx

NVIDIA SKU	Legacy OPN	Supported Speed	Port Type	PCIe Interface	Crypto	Secure Boot	Bracket
900-9x662-0053-ST1	MCX631102AN-ADAT	25GbE	Dual-port SFP28	PCIe 4.0 x8	-	-	Tall Bracket
900-9x662-0083-ST0	MCX631102AC-ADAT	25GbE	Dual-port SFP28	PCIe 4.0 x8	✓	✓	Tall Bracket
900-9x662-0073-ST0	MCX631102AS-ADAT	25GbE	Dual-port SFP28	PCIe 4.0 x8	-	✓	Tall Bracket

EOL

NVIDIA SKU	Legacy OPN	Supported Speed	Port Type	PCIe Interface	Crypto	Secure Boot	Bracket
900-9x662-0063-ST0	MCX631102AE-ADAT	25GbE	Dual-port SFP28	PCIe 4.0 x8	✓	-	Tall Bracket
900-9x601-0025-ST0	MCX631105AE-GDAT	50GbE	Single-port QSFP28	PCIe 4.0 x8	✓	-	Tall Bracket
900-9x601-0015-SQ0	MCX631105AN-GDAT	50GbE	Single-port QSFP28	PCIe 4.0 x8	-	-	Tall Bracket
900-9x601-0045-ST0	MCX631105AC-GDAT	50GbE	Single-port QSFP28	PCIe 4.0 x8	✓	✓	Tall Bracket

ConnectX-6

NVIDIA SKU	Legacy OPN	Marketing Description
900-9X6B4-0056-DT1	MCX614106A-CCAT	ConnectX®-6 EN adapter card, 100GbE, dual-port QSFP56, Socket Direct 2x PCIe3.0 x16, tall bracket
900-9X6B4-0018-DT1	MCX614105A-VCAT	ConnectX®-6 EN adapter card, 200GbE, single-port QSFP56, Socket Direct 2x PCIe3.0 x16, tall bracket
900-9X6B4-0058-DT1	MCX614106A-VCAT	ConnectX®-6 EN adapter card, 200GbE, dual-port QSFP56, Socket Direct 2x PCIe3.0 x16, tall bracket
900-9X6AF-0058-MT1	MCX613106A-VDAT	ConnectX®-6 EN adapter card, 200GbE, dual-port QSFP56, PCIe4.0 x16, tall bracket

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