



## END OF LIFE NOTIFICATION PROCEDURE

EOL Notification Procedure #	LCR-000906
EOL Title	EOL notice for Mellanox ConnectX-5 VPI host channel adapters and Switch-IB 2 based EDR InfiniBand Switches
Customer	All
Notice Date	Apr 18, 2022

Dear Customer,

Effective immediately, NVIDIA Networking is announcing the manufacture discontinue and End of Life (EoL) of the products listed in Table 1. The suggested replacement products are provided in the same table.

Table 1: EoL'd Product Ordering Part Numbers (OPNs) and Replacement Product OPNs

Discontinued Part Numbers	Marketing Description	Last Supported Firmware Version	Replacement Part Numbers	Replacement OPN Marketing Description
MCX545A-ECAN	ConnectX-5 VPI network interface card for OCP2.0, Type 2, with host management, EDR IB (100Gb/s) and 100GbE, single-port QSFP28, PCIe3.0 x16, no bracket	fw-ConnectX5-rel-16_32_1010	MCX653435A-EDAI	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE) for OCP 3.0, with host management, Single-port QSFP56, PCIe 3.0/4.0 x16, Internal Lock
MCX545B-ECAN	ConnectX-5 VPI network interface card for OCP, with host management, EDR IB (100Gb/s) and 100GbE, single-port QSFP28, PCIe3.0 x16, no bracket, Type-1 Heat Sink	fw-ConnectX5-rel-16_32_1010	MCX653435A-EDAI	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE) for OCP 3.0, with host management, Single-port QSFP56, PCIe 3.0/4.0 x16, Internal Lock
MCX555A-ECAT	ConnectX-5 VPI adapter card, EDR IB (100Gb/s) and 100GbE, single-port QSFP28, PCIe3.0 x16, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX653105A-ECAT	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE), single-port QSFP56, PCIe3.0/4.0 x16, tall bracket
MCX556A-ECAT	ConnectX-5 VPI adapter card, EDR IB (100Gb/s) and 100GbE, dual-port QSFP28, PCIe3.0 x16, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX653106A-ECAT	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE), dual-port QSFP56, PCIe3.0/4.0 x16, tall bracket

MCX556A-ECUT	ConnectX-5 VPI adapter card, EDR IB (100Gb/s) and 100GbE, dual-port QSFP28, PCIe3.0 x16, UEFI enabled, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX653106A-ECAT	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE), dual-port QSFP56, PCIe3.0/4.0 x16, tall bracket
MCX556A-EDAT	ConnectX-5 Ex VPI adapter card, EDR IB (100Gb/s) and 100GbE, dual-port QSFP28, PCIe4.0 x16, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX653106A-ECAT	ConnectX-6 VPI adapter card, 100Gb/s (HDR100, EDR IB and 100GbE), dual-port QSFP56, PCIe3.0/4.0 x16, tall bracket
MCX556M-ECAT-S25	ConnectX-5 VPI adapter card with Socket Direct supporting dual-socket server, EDR IB (100Gb/s) and 100GbE, dual-port QSFP28, 2x PCIe3.0 x8, 25cm harness, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX654106A-ECAT	ConnectX-6 VPI adapter card kit, 100Gb/s (HDR100, EDR InfiniBand and 100GbE), dual-port QSFP56, Socket Direct 2x PCIe3.0 x16, tall brackets
MCX556M-ECAT-S35A	ConnectX-5 VPI adapter card with Socket Direct supporting dual-socket server, EDR IB (100Gb/s) and 100GbE, dual-port QSFP28, 2x PCIe3.0 x8, 35cm harness, active auxiliary PCIe connection card, tall bracket	fw-ConnectX5-rel-16_32_1010	MCX654106A-ECAT	ConnectX-6 VPI adapter card kit, 100Gb/s (HDR100, EDR InfiniBand and 100GbE), dual-port QSFP56, Socket Direct 2x PCIe3.0 x16, tall brackets
MCS7500	130Tb/s, 648-port EDR InfiniBand chassis switch, includes 20 fans and 10 power supplies (N+N)	NA	MCS8500	320Tb/s, 800-port HDR InfiniBand chassis, includes 9 power supply units (N+1) with support for up to 16 power supply units (N+N)
MCS7510	65Tb/s, 324-port EDR chassis switch, includes 12 fans and 6 power supplies (N+N)	NA	MCS8500	320Tb/s, 800-port HDR InfiniBand chassis, includes 9 power supply units (N+1) with support for up to 16 power supply units (N+N)
MCS7520	43Tb/s, 216-port EDR chassis switch, includes 8 fans and	NA	MCS8500	320Tb/s, 800-port HDR InfiniBand chassis, includes 9 power supply units (N+1) with support for up to 16 power

	4 power supplies (N+N)			supply units (N+N)
MMB7500	X86 dual-core chassis management module	fw-SX-rel-9_3_3050 ---fw-ConnectX3Pro-rel-2_32_5100	MMB8500	X86 dual-core chassis management module
MSB7560-E	Switch-IB 2 EDR InfiniBand leaf blade, 36 QSFP28 ports, support for SHArP	fw-SwitchIB-2-rel-15_2010_1202	MQM8510-H	Mellanox quantum HDR InfiniBand leaf blade, 40 QSFP56 ports
MSB7570-E	Switch-IB 2 EDR InfiniBand spine blade, 36 ports, support for SHArP	fw-SwitchIB-2-rel-15_2010_1202	MQM8520-H	Mellanox quantum HDR InfiniBand spine blade, 40 ports
MSB7800-ES2F	Switch-IB 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, P2C airflow, Rail Kit	fw-SwitchIB-2-rel-15_2000_2626	MQM8700-HS2F	Mellanox Quantum HDR InfiniBand Switch, 40 QSFP56 ports, 2 Power Supplies (AC), x86 dual core, standard depth, P2C airflow, Rail Kit
MSB7800-ES2R	Switch-IB 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, C2P airflow, Rail Kit	fw-SwitchIB-2-rel-15_2000_2626	MQM8700-HS2R	Mellanox Quantum HDR InfiniBand Switch, 40 QSFP56 ports, 2 Power Supplies (AC), x86 dual core, standard depth, C2P airflow, Rail Kit
MSB7880-ES2F	Switch-IB 2 based EDR InfiniBand 1U router, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, P2C airflow, Rail Kit	fw-SwitchIB-2-rel-15_2008_2102	MQM9700-NS2F	NVIDIA Quantum 2 based NDR InfiniBand Switch, 64 NDR ports, 32 OSFP ports, 2 Power Supplies (AC), Standard depth, Managed, P2C airflow, Rail Kit
MSB7880-ES2R	Switch-IB 2 based EDR InfiniBand 1U router, 36 QSFP28 ports, 2 Power Supplies (AC), x86 dual core, standard depth, C2P airflow, Rail Kit	fw-SwitchIB-2-rel-15_2008_2102	MQM9700-NS2R	NVIDIA Quantum 2 based NDR InfiniBand Switch, 64 NDR ports, 32 OSFP ports, 2 Power Supplies (AC), Standard depth, Managed, C2P airflow, Rail Kit
MSB7890-ES2F	Switch-IB 2 based EDR InfiniBand 1U Switch, 36 QSFP28	fw-SwitchIB-2-rel-15_2008_2102	MQM8790-HS2F	Mellanox Quantum HDR InfiniBand Switch, 40 QSFP56 ports, 2 Power Supplies (AC), unmanaged, standard

	ports, 2 Power Supplies (AC), unmanaged, standard depth, P2C airflow, Rail Kit			depth, P2C airflow, Rail Kit
MSB7890-ES2R	Switch-IB 2 based EDR InfiniBand 1U Switch, 36 QSFP28 ports, 2 Power Supplies (AC), unmanaged, standard depth, C2P airflow, Rail Kit	fw-SwitchIB-2-rel-15_2008_2102	MQM8790-HS2R	Mellanox Quantum HDR InfiniBand Switch, 40 QSFP56 ports, 2 Power Supplies (AC), unmanaged, standard depth, C2P airflow, Rail Kit
MT53236A0-FDCF-E	Switch-IB 2, 36 Port InfiniBand EDR Switch IC	NA	MT54240A0-FCCR-H	Mellanox Quantum 40 Ports InfiniBand HDR Switch IC
MTDF-BLK-A	648/324/216/108p MCS75XX director system, Spine - Blank	NA	NA	NA
MTDF-BLK-B	648/324/216p MCS75XX director system, Management - Blank	NA	NA	NA
MTDF-BLK-C	648/324/216p MCS75XX director system, Leaf - Blank	NA	NA	NA
MTDF-CH-A	648p MCS75XX director system cable holder	NA	NA	NA
MTDF-CH-B	324p MCS75XX director system cable holder	NA	NA	NA
MTDF-CH-C	216p MCS75XX director system cable holder	NA	NA	NA
MTDF-CP-A	648/324/216/108p MCS75XX director system cable Supporter	NA	NA	NA
MTDF-FAN-A	Director system fan unit located on the spine side	NA	NA	NA

MTDF-FAN-B	Director system fan unit located on the spine fan unit	NA	NA	NA
MTDF-KIT-A	648p MCS75XX director system rail kit	NA	NA	NA
MTDF-KIT-B	324/216p MCS75XX director system rail kit	NA	NA	NA
MTDF-PS-A	2.5KW AC Power Supply w/ P2C air flow	NA	NA	NA

### Reason for Termination

Availability of improved replacement products; Low market interest.

### Milestones

Table 2 lists the end-of-life milestones: last time buy date and last time ship date.

*Table 2: End of Life Milestones*

Milestone	Definition	Date
Last Time Buy (LTB)* Date	The last date to order the product through an NVIDIA point-of-sale mechanism. The product is no longer for sale after this date.	Apr 30, 2023
Last Ship Date	The last possible ship date that can be requested of NVIDIA and/or its distributors. Actual ship date is dependent on lead time.	Oct 31, 2023

For more information, please contact your local account representative.

Regards,

NVIDIA Networking

\*Manufacture Discontinue and Last Time Buy Definition - As part of NVIDIA's EOL notification program, this notice serves as a formal communication of NVIDIA's intent to perform a Manufacture Discontinue (MD) of the products listed above and propose a Last Time Buy (LTB) date for each product. For the time between LTB, MD and EOL, emergency recovery and/or upgrades may be performed in accordance with customer-specific service plans or upgrade agreements, as negotiated prior to LTB.