



END OF LIFE NOTIFICATION PROCEDURE

EOL Notification Procedure #	LCR-000796
EOL Title	EOL notice for NVIDIA BlueField SmartNIC's & Controller cards, specific OPN's below
Customer	All
Notice Date	Jun 20, 2021

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
MBE1100A-BC1	BlueField 1U Reference Platform, E-Series, Crypto enabled. A network appliance platform.	fw-BlueField-rel-18_26_4012	MBE1201A-BN1	BlueField 2U Reference Platform, P-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.).
			MBE1201A-BN2	BlueField 2U-20 Reference Platform, P-Series, Crypto disabled. A storage controller platform with an option for up to 8 SSDs. (SSDs are not included).
MBE1100A-BN1	BlueField 1U Reference Platform, E-Series, Crypto disabled. A network appliance platform.	fw-BlueField-rel-18_26_4012	MBE1201A-BN1	BlueField 2U Reference Platform, P-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.).
			MBE1201A-BN2	BlueField 2U-20 Reference Platform, P-Series, Crypto disabled. A storage controller platform with an option for up to 8 SSDs. (SSDs are not included).
MBE1200A-BC1	BlueField 2U Reference Platform, E-Series, Crypto enabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.)	fw-BlueField-rel-18_26_4012	MBE1201A-BN1	BlueField 2U Reference Platform, P-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.).
			MBE1201A-BN2	BlueField 2U-20 Reference Platform, P-Series, Crypto disabled. A storage controller platform with an option for up to 8 SSDs. (SSDs are not included).

MBE1200A-BN1	BlueField 2U Reference Platform, E-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.)	fw-BlueField-rel-18_26_4012	MBE1201A-BN1	BlueField 2U Reference Platform, P-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.).
			MBE1201A-BN2	BlueField 2U-20 Reference Platform, P-Series, Crypto disabled. A storage controller platform with an option for up to 8 SSDs. (SSDs are not included).
MBE1201A-BC1	BlueField 2U Reference Platform, P-Series, Crypto enabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.)	fw-BlueField-rel-18_26_4012	MBE1201A-BN1	BlueField 2U Reference Platform, P-Series, Crypto disabled. A storage controller platform with option for up to 16 SSDs. (SSDs are not included.).
			MBE1201A-BN2	BlueField 2U-20 Reference Platform, P-Series, Crypto disabled. A storage controller platform with an option for up to 8 SSDs. (SSDs are not included).
MBF1H206A-ESNAN	BlueField Standard Board, P-Series 16 cores, dual-port QSFP28 100GbE / EDR VPI, 1x PCIe Gen3.0 x16 slot, 1x PCIe Gen4.0 x16 slot, No Crypto	TBD	NA	NA
MBF1L516A-CSCAT	BlueField SmartNIC 100GbE, Dual Port QSFP28, PCIe Gen4.0 x16, G-Series 16 cores, Crypto enabled, 16GB on-board DDR, FHHL, Single Slot, Tall Bracket	fw-BlueField-rel-18_27_2500	MBF2M516A-CEEOT	NVIDIA BlueField-2 E-Series DPU 100GbE Dual-Port QSFP56, PCIe Gen4 x16, Crypto Enabled, 16GB on-board DDR, 1GbE OOB management, Tall Bracket, FHHL
MBF1L516A-CSNAT	BlueField SmartNIC 100GbE, Dual Port QSFP28, PCIe Gen4.0 x16, G-Series 16 cores, Crypto disabled, 16GB on-board DDR, FHHL, Single Slot, Tall Bracket	fw-BlueField-rel-18_27_2500	MBF2M516A-CENOT	NVIDIA BlueField-2 E-Series DPU 100GbE Dual-Port QSFP56, PCIe Gen4 x16, Crypto Disabled, 16GB on-board DDR, 1GbE OOB management, Tall Bracket, FHHL
MBF1L516A-ESCAT	BlueField SmartNIC VPI EDR IB (100Gb/s) and 100GbE, Dual Port QSFP28, PCIe Gen4.0 x16, G-Series 16 cores,	fw-BlueField-rel-18_26_4012	MBF2M516A-EEEOT	NVIDIA BlueField-2 E-Series DPU 100GbE/EDR/HDR100 VPI Dual-Port QSFP56, PCIe Gen4 x16, Crypto Enabled, 16GB on-board DDR, 1GbE OOB management, Tall Bracket, FHHL

	Crypto enabled, 16GB on-board DDR, FHHL, Single Slot, Tall Bracket			
MBF1L516A-ESNAT	BlueField SmartNIC VPI EDR IB (100Gb/s) and 100GbE, Dual Port QSFP28, PCIe Gen4.0 x16, G-Series 16 cores, Crypto disabled, 16GB on-board DDR, FHHL, Single Slot, Tall Bracket	fw-BlueField-rel-18_26_4012	MBF2M516A-EENOT	NVIDIA BlueField-2 E-Series DPU 100GbE/EDR/HDR100 VPI Dual-Port QSFP56, PCIe Gen4 x16, Crypto Disabled, 16GB on-board DDR, 1GbE OOB management, Tall Bracket, FHHL
MBF1M332A-AECAT	BlueField SmartNIC 25GbE dual-port SFP28, PCIe Gen3.0/4.0 x8, G-Series 8 Cores, Crypto enabled, 16GB on-board DDR, Tall Bracket, HHHL	fw-BlueField-rel-18_26_4012	MBF1M332A-ASCAT	BlueField SmartNIC 25GbE dual-port SFP28, PCIe Gen3.0/4.0 x8, G-Series 16 Cores, Crypto enabled, 16GB on-board DDR, tall bracket, HHHL
MBF1M332A-AENAT	BlueField SmartNIC 25GbE dual-port SFP28, PCIe Gen3.0/4.0 x8, G-Series 8 Cores, Crypto disabled, 16GB on-board DDR, tall bracket, HHHL	fw-BlueField-rel-18_26_4012	MBF1M332A-ASNAT	BlueField SmartNIC 25GbE dual-port SFP28, PCIe Gen3.0/4.0 x8, G-Series 16 Cores, Crypto disabled, 16GB on-board DDR, tall bracket, HHHL
MBF1M616A-CSCAT	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto enabled, 2x 16GB Memory DIMM, FH¼L, Single Slot, Tall Bracket	fw-BlueField-rel-18_23_3080	MBF1M606A-CSNAT	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, No Memory DIMM, FH¼L, Single Slot, Tall Bracket
MBF1M616A-CSNAT	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, 2x 16GB Memory DIMM, FH¼L, Single Slot, Tall Bracket	fw-BlueField-rel-18_26_4012	MBF1M606A-CSNAT	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, No Memory DIMM, FH¼L, Single Slot, Tall Bracket

MBF1M626A-CSNA T	NVIDIA BlueField Controller card, 100GbE QSFP28, BlueField E-Series 16 cores, PCIe Gen3.0 x16, Auxiliary Card PCIe Gen3.0 x16, CABLINE-CA II PLUS 350mm, Crypto disabled, No Memory DIMM, FH3/4L, Single Slot width, Tall Bracket	fw-BlueField-rel-18_26_4012	MBF1M636A-CSNA T	NVIDIA BlueField Controller card, 100GbE QSFP28, BlueField E-Series 16 cores, PCIe Gen3.0 x16, Auxiliary Card PCIe Gen3.0 x16, CABLINE-CA II PLUS 350mm, Crypto disabled, 2x 16GB Memory DIMM, FH3/4L, Single Slot width, Tall Bracket
MBF1M646A-CSNA T	NVIDIA BlueField Dual Port 100GbE Controller Card, 100GbE dual-port QSFP28, PCIe Gen4.0 x16, No Crypto, 2 x 8GB Memory DIMM, Tall Bracket	fw-BlueField-rel-18_26_4012	MBF1M606A-CSNA T	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, No Memory DIMM, FH¾L, Single Slot, Tall Bracket
MBF1M656A-CSNA T	BlueField Controller card, Dual Port 100GbE QSFP28, E-Series 16 cores, PCIe Gen3.0 x16, Auxiliary Card PCIe Gen3.0 x16, 2 x I-PEX 350mm Cable, Crypto disabled, 2x 8GB Memory DIMM, FH3/4L, Single Slot, Tall Bracket	fw-BlueField-rel-18_26_4012	MBF1M606A-CSNA T	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, No Memory DIMM, FH¾L, Single Slot, Tall Bracket
MBF1M6C6A-CSNA T	NVIDIA BlueField Controller card, 100GbE QSFP28, BlueField E-Series 16 cores, PCIe Gen3.0 x16, Auxiliary Card PCIe Gen3.0 x16, CABLINE-CA II PLUS 350mm, Crypto disabled, No Memory DIMM, FH3/4L, Dual Slot width, Tall Bracket	fw-BlueField-rel-18_23_3080	MBF1M606A-CSNA T	BlueField Controller card, Dual Port 100GbE QSFP28, PCIe Gen4.0 x16, E-Series 16 cores, Crypto disabled, No Memory DIMM, FH¾L, Single Slot, Tall Bracket

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.	Dec 31, 2021
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.	Jun 30, 2022

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.