

AMI

OneTree™ NIC Technology Expansion Pack – Approved Vendor List

Rev. 2.0

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senathipathyt
india/senathipathyt

Revision History		
Rev#	Release Date	Update
1.0	07/01/2023	List of supported NIC Controllers
1.1	01/15/2024	Support Mellanox MCX631102AN-ADAT
1.2	05/21/2024	Support ConnectX-7 MCX75510AAS and remove RDE

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senathipathyt
india\senathipathyt

AMI® Support List

The components in this AVL list are validated and approved by AMI MegaRAC team. This AVL is for guiding proper component selection, and to deploy in your projects may require some adjustments. Please contact your FAE representatives for further information and help if any.

NIC Device List (OneTree)					
Controller Module	Form Factor	Controller Firmware used for Validation	Interface		Note
			MCTP/I2C	MCTP/PCIe	
Mellanox CX4-4121A	Standard PCIe	16.26.4012	Device does not support	V	Mellanox CX4-4121A, ConnectX®-4 Lx EN network interface card, 25GbE dual-port SFP28, PCIe3.0 x8, no bracket, ROHS R6
Mellanox CX512F-ACAT	Standard PCIe	16.26.4012	V	V	MCX512F-ACAT ConnectX-5 EN network interface card, 25GbE dual-port SFP28, PCIe3.0 x16, no bracket, ROHS R6 Halogen free
Mellanox MCX631102AN-ADAT	Standard PCIe	26.33.04.24	V	X	Mellanox ConnectX-6 Lx EN Dual Port 25Gb Ethernet Adapter Card - PCIe 4.0 x8, No Crypto, No Secure Boot - Part ID: MCX631102AN-ADAT
Intel I210-T1	Standard PCIe	1.7.03	V	V	Intel Ethernet Network Adapter I210-T1 AV, Security, Management
Intel I350-T2	Standard PCIe	0.73.01	V	Device does not support	Intel Ethernet Network Adapter I350-T2 802.3az (EEE), DMA Coalescing, Flexible Port Partitioning, MCTP
Intel E810-CQDA2	Standard PCIe	7a.25.e1.84	V	V	Intel Ethernet Network Adapter E810-CQDA2 100/50/25/10Gb QSFP28, PCIe 4.0 x16, ADQ, DDP,

					RDMA (iWARP & RoCEv2), Low Profile
Intel E810- XXVDA4	Standard PCIe	00.00.03.02	V	V	Intel Ethernet Network Adapter E810-XXVDA4 QP 25/10Gb SFP28, PCIe 4.0 x16, ADQ, DDP, RDMA (iWARP & RoCEv2), Full Height compliant
Mellanox ConnectX-7 MCX75510AAS- NEAT	Standard PCIe	1c.27.08.00	V	V	NVIDIA MCX75510AAS- NEAT ConnectX-7 Adapter Card 400GbE/NDR IB Single-Port OSFP PCIe 5.0 x16

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