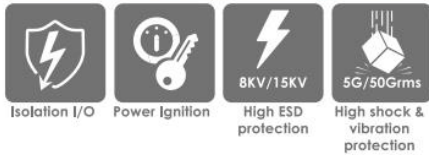


MX2-10ADP MX2-10ADP-D

Fanless / Fanned Embedded System
Intel Alder Lake-S / Raptor Lake -S (TDP up to 65W)

Features

- Intel® 14th/13th/12th Gen Processor (Up to 65W)
- Support 2 x DDR5 SO-DIMM (Up to 64GB)
- Triple display, 4 x i226LM 2.5G LAN
- Support 3 x COM & 8-bit GPIO
- 9-48V Wide Power Range



*The ID is for reference first and may subject to change based on final design.

MX2-10ADP Embedded System		
SYSTEM	PROCESSOR	14th/13th/12th Gen Intel® Raptor Lake-S/Alder Lake-S Core i9/i7/i5/i3/Celeron/Pentium (Up to 65W)
	CHIPSET	R680E
	SYSTEM MEMORY	2 x 262-pin SO-DIMM / DDR5 4800 MHz / Max.64 GB (Non-ECC/ECC)
	DIMENSION	MX2: 268(W)*246(L)*108.5(H) MX2-D: 268(W)*246(L)*128(H)
	System Storage Slot	1 x Removable 2.5" HDD/SSD Tray & 1 x 2.5" HDD/SSD BKT 1 x M.2 2280/2260/2242 NVMe / SATA SSD 1 x M.2 2242/2260 SATA SSD; 1 x mSATA SSD
	ETHERNET	4 x Intel i226LM 2.5G LAN
	AUDIO/SIO	ALC888S; Nuvoton NCT6126D
	EXPANSION SLOT	1 x 2230 M.2 E Key with CNVi Support (PCIe x1 & USB2.0) 1 x 2280/2260/2242 M.2 M Key (NVMe with PCIe x4, SATAIII) 1 x 3052/3042/2242/2260 M.2 B Key (PCIe x1, SATAIII, USB3.0)
DISPLAY	HDMI 1.4	Up to 4K (4096 x 2160) @30 Hz
	DisplayPort 1.4	Up to 4K (4096 x 2160) @60 Hz
	VGA	Up to 1920 x 1200 @60 Hz
FRONT I/O	PWR BUTTON/LED	1 x PWR Button; PWR & HDD Status LED; 4 x LAN ACT LED
	USB	2 x USB3.2 Gen2
	DISPLAY	1 x HDMI1.4
	IO PLATE	1 x Removable 2.5" HDD Tray & 2 x SIM slot for M.2 B Key slot
	XPANSION	2 x Xpansion Door which can support Xpansion modules
REAR I/O	USB	6 x USB 3.2 Gen2
	COM	3 x RS232/422/485 (supports 5V/12V power COM)
	GPIO	8-bit GPIO in DB9 type
	LAN	4 x i226LM 2.5G LAN (supports optional PoE 802.3at, max 50W)
	PCIE	MX2: 1 x PCIe Gen4 X16 MX2-D: 1 x PCIe Gen4 X16 + 1 x PCIe Gen4 X1
	DISPLAY	1 x VGA & 1 x DisplayPort 1.4
	AUDIO	1 x Line-out & 1 x Mic-in
	POWER	3-pin 9~48VDC Terminal Block Connector
	REMOTE POWER	2-pin Remote Power ON/OFF Terminal Block Connector 2-pin Remote Power RESET Terminal Block Connector
ENVIRONMENTAL	OPERATING TEMPERATURE	35W TDP Processor: -40°C to 70°C 65W TDP Processor: -40°C to 50°C with 0.7m/s Air Flow (w/ Extended Temp. SSD/mSATA/RAM)
	IP RATING	IP40
	CERTIFICATION	CE / FCC
MOUNTING	MOUNTING	Rubber Feets for Desktop, Wall Mount (Default)
OS	OPERATING SYSTEM	Windows® 10 IoT LTSC 2021 64bit Windows® 11 IoT Enterprise 64bit Ubuntu 22.04