MITAC MX2-10ADP-D-IF-AC300 (Intel R680E, 4x 2.5G LAN, PCIe Gen4 x16+x1) [2x INTERNAL FAN]

[http://www.cartft.com/catalog/il/3943]

0.00 EUR

incl. 19% VAT, plus shipping

- **Intel R680E !**
- **4x 2.5G LAN !**
- **PCIe Gen4 x16 + x1 !**
- **300W Powersupply !**

- Rugged embedded system with 2 internal system fans for PCIe slots
- Supports Intel® Bartlett Lake-S / Raptor Lake-S Refresh / Raptor Lake-S / Alder Lake-S Core i9/ i7/i5/i3/Celeron/Pentium processors up to 65W
- 2 x DDR5-4800 SO-DIMM, max. 96 GB (Non-ECC/ECC)
- VGA, DisplayPort 1.4, HDMI 1.4 and 4 x 2.5G LAN
- 8 x USB, 3 x RS232/422/485 and 8-bit GPIO
- PCIe Gen4 x16 and PCIe Gen4 x1
- 2 x internal 40 x 40 x 20 mm system fans supporting NVIDIA RTX A2000 / RTX 4060 graphic cards
- 9~48V wide range DC input
- 24V / 300W AC adapter included

SYSTEM	CPU	14th/13th/12th Gen Intel® Bartlett Lake-S / Raptor Lake-S Refresh / Raptor Lake-S / Alder Lake-S Core i9/i7/i5/i3/ Celeron/Pentium (Up to 65W) / *Please see the CPU Options in Docs / Manuals
	CHIPSET	Intel® R680E
	SYSTEM MEMORY	DDR5 4800 MHz / 2 x 262-pin SO-DIMM / Max. 96 GB (Non-ECC/ ECC)
	GRAPHICS	Intel® UHD Graphics
	DISPLAY INTERFACE	VGA / DisplayPort 1.4 / HDMI 1.4
	STORAGE SLOT	2 x 2.5 HDD / SSD (1 w/ Removable HDD Bay, 1 w/ Internal HDD Bracket) / 1 x M.2 2280/2260/2242 NVMe / SATA SSD / 1 x M.2 2242/2260 SATA SSD / 1 x mSATA
	ETHERNET	4 x Intel® I226-LM 2.5G LAN / *Optional 4 x PoE 802.3at Xpansion "MS-01PON-S10"
	AUDIO	Realtek® ALC888
	I/O CHIPSET	Nuvoton NCT6126D
	TPM	Nuvoton NPCT760AABYX TPM2.0
	EXPANSION SLOT	1 x M.2 2230/2242/2260/2280 M key (PCIeX4 NVME, SATAIII) / 1 x M.2 3052/3042/2242/2260 B key (USB3.0, SATAIII, PCIeX1) w/ 2 x SIM slot / 1 x M.2 2230 E key (CNVi, PCIeX1, USB 2.0) / 1 x mPCIe Full / Half size (USB2.0 / PCIeX1 / SATAIII) / 1 x PCIe 4.0 X16 slot / 1 x PCIe 4.0 X1 slot
	INTERNAL SPEAKER	1 x Buzzer

	INDICATOR	DIO / LAN1~4 ACT / Power LED / HDD LED
	FRONT I/O	1 x HDMI 1.4 / 2 x USB 3.2 Gen2 / 2 x SIM Card Slot w/ Cover / 1 x 2.5" SATAIII HDD / SSD Bay
	REAR I/O	4 x RJ-45 / 6 x USB 3.2 Gen 2 (10 Gbps) / 3 x RS232 / 422 / 485 (Support Power 5V / 12V) / 1 x 8-bit GPIO (in DB9 Connector) / 1 x DisplayPort 1.2 / 1 x VGA / 1 x Mic-in & 1 x Line-out / 1 x PCIe X16 slot + 1 x PCIe X1 slot / 1 x 2-pin Terminal Block Remote Power Reset / 1 x 2-pin Terminal Block Remote Power on / off / 1 x 3-pin Terminal Block Power Input / 6 x SMA Antenna (Optional for WiFi/LTE function)
	HARDWARE MONITOR	Temperature Monitor / Voltage Monitor
	WATCHDOG TIMER	1~255 steps by software program
POWER REQUIREMENT	POWER INPUT	9~48V Wide Range DC Input w/ Terminal Block Connectivity
	POWER ADAPTER	24V / 300W AC Adapter (included for AC SKU)
MECHANICAL	THERMAL DESIGN	2 x Internal 40x40x20 System Fan (Supporting NVIDIA RTX A2000/ RTX 4060 Graphic Cards)
	MOUNTING	Wallmount
	DIMENSIONS (W X D X H)	10.6" x 9.7" x 5.0" (268 x 246 x 128 mm)
	WEIGHT	7.7 kg (17 lb)
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 and Wide Temperature Memory/ Storage

	STORAGE TEMPERATURE	-40 ~ 85°C (-40 ~185°F)
	OPERATING HUMIDITY	10% ~ 90% R/H (Non-condensing)
	VIBRATION RESISTANCE	Operating: 5Hz~500Hz / 5Grms / 3Axis (w/ SSD, according to IEC60068-2-64)
	SHOCK RESISTANCE	Operating: 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)
	CERTIFICATION	CE / FCC Class A
OS	OS SUPPORT	Windows® 10 64bit / Windows® 11 64bit / Linux (support by request)
PACKING LIST	PACKAGE	1 x 3 pin Terminal Block Power Connector / 1 x Embedded System / 1 x CPU Cooler (passive) / 1 x Wall Mount Brackets / 2 x 2 pin Terminal Block Male Connector / 1 x 30 cm SATA & SATA PWR Y Cable (3rd SSD/ HDD needs optional SATA Y cable)