

MIC-710AILX-DVA

AI Developer Kit Based on NVIDIA® Jetson Xavier™ NX



Features

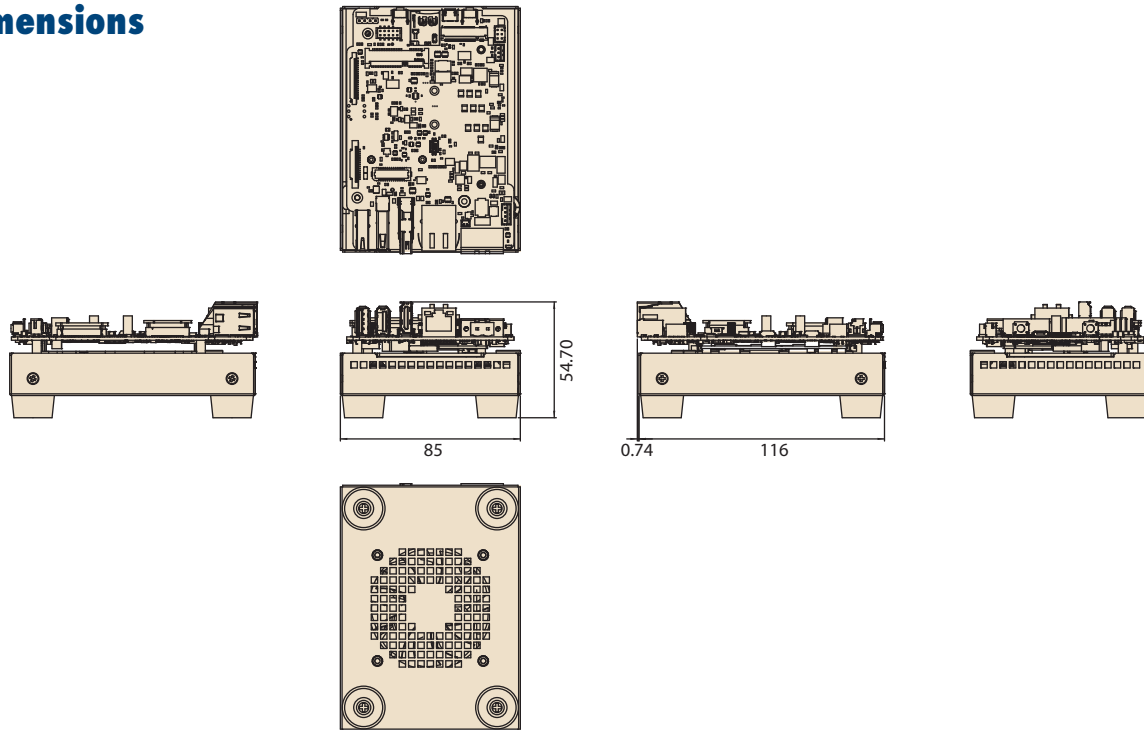
- Open-frame carrier design with thermal solution
- Embedded with NVIDIA® Jetson Xavier™ NX up to 21 TOPS
- Supports 1 x GbE, 1 x USB 3.2 Gen 1 (5 Gbit/s)
- Supports 1 x mPCIe, 1 x M.2 2280
- Supports Allxon 24/7 remote monitoring and OTA deployment

Specifications

Processor	CPU	6-core NVIDIA Carmel Arm® v8.2 64-bit CPU (6MB L2 + 4MB L3)
	GPU	384-core NVIDIA Volta™ GPU with 48 Tensor Cores
	Memory	16GB LPDDR4
	Flash	16G of eMMC
I/O	Ethernet	1 x 10/100/1000 Mbps
	Display	HDMI (Max. resolution 3840x2160 @ 60Hz)
	USB	External: 1 x USB 2.0, 1 x USB 3.2 Gen 1 Internal: 1 x USB 2.0 (by pin header)
	Serial Port	RS-232 (by pin header)
	OTG USB	1 x Micro USB
Expansion	SIM Card	1 x Nano SIM
	Mini PCIe	1 x mPCIe (Signal: PCIe x1 + USB 2.0)
Storage	M.2	1 x M.2 2280 (M-Key, NVMe, Signal: PCIe x4)
	SD Card	1 x Micro SD
Fan	Dimension	60 x 60 x 13 mm (2.36" x 2.36" x 0.51")
	RPM	5400 RPM
Power	Mode	Therminal block, 2-pin, AT
	Voltage	12 V _{DC}
Mechanical	Dimensions (W x D x H)	116 x 85 x 54.7 mm (4.5" x 3.35" x 2.16")
	Weight	0.35 kg (0.77 lb)
BSP	Jetpack	4.6.1

Dimensions

Unit: mm



Ordering Information

Part Number	NVIDIA Module	Memory	eMMC	SD Card
MIC-710AILX-DVA1	Xavier NX	16G	16G	YES
MIC-710AILX-DVA2	Xavier NX	16G	16G	-

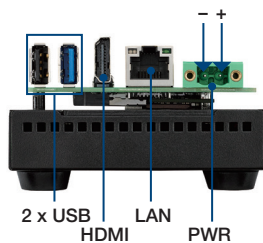
Packing List

Part Number	Description	Quantity
MIC-710AILX-DVA	AI Developer Kit	1
1652002202	Power connector — 2-pin	1
1700023619-01	Micro USB cable for system recovery	1
1930005673-11	M.2 screw	1
1930008089	Mini PCIe screw	2

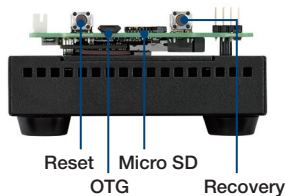
Optional

Part Number	Description
96PSA-A60W12P2-3	Power Adapter 100-240V 60W 12V
1700027928-01	Power Cord UL 3P 15A 125V 183 cm (US)
1702002605-11	Power Cord EU 3P 10A 250V 183cm (EU)
1702031801	Power Cord BSI 3P 10A 250V 183cm (UK)
1700020098	Power Cord SAA 3P 10A 250V 183cm (AU)
1700028677-01	Power Cord PSE 3P 7A 125V 180cm (Japan)
1700000596-11	Power Cord CCC 3P 10A 250V 183cm (China)

Front View



Back View



Top View

