

EAI-1961

DEEPX DX-M1 M.2 AI Acceleration Module

NEW



Features

- 25 TOPS delivered by DEEPX DX-M1 NPU
- Equipped with 4 GB LPDDR5 memory
- Compact M.2 2280, M-Key form factor
- -40~85°C Wide range operating temp.
- Typical <6W low power consumption

DEEPX

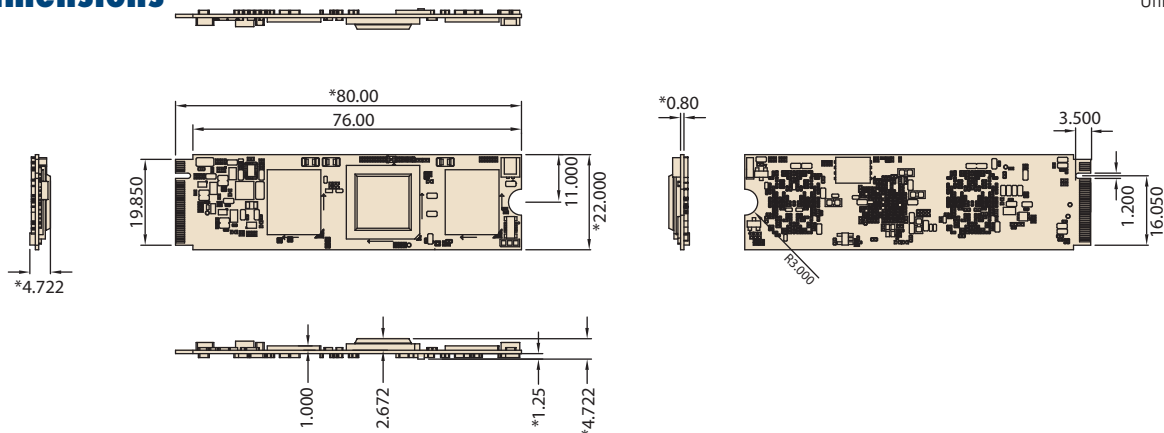
CE FCC

Specifications

		EAI-1961-20D2E
Processor	AI Accelerator	DX-M1 NPU
	Peak Performance	INT8: 25 TOPS
Memory	Size	4 GB
	Type	LPDDR5
Signal Interface	PCIe Express	PCIe Gen3 x4
Power	Power Consumption	Max. 9.9W, among DEEPX supported models
Operating	Temperature	-40 ~ 85°C
Environment	Humidity	5 ~ 90% relative humidity (non-condensing)
Physical	Form Factor	M.2 2280, M-Key
	Dimensions	22 x 80 x 4.72 mm
	Power Range	Input voltage: 3.3V $\pm$ 5% Maximum input current: 3A
Software Support	Windows	Windows 11/10 64-bit
	Linux	Ubuntu 26.04, 24.04, 22.04, 20.04 (LTS)
	Model Format	DXNN (compiled by DX-COM [®] from ONNX)
System Support	CPU Platform	x86 or ARM based
Certification	EMC	CE, FCC Class B, KC

Dimensions

Unit: mm



Ordering Information

Part Number	Description
EAI-1961-20D2E	DEEPX M.2 2280, M-Key, DX-M1 AI module