DEEPX

AI for Everyone and Everywhere

"Toward the Era of AI Everywhere"

Upgrade your AI experience today with DEEPX's NPU, designed to achieve unparalleled levels of efficiency by utilizing almost 98% of all available resources while consuming ultra-low power.

DX-M1

An AI Booster that achieves the highest Cost-efficiency (inference/$), Power-efficiency (TOPS/W) and, Performance-efficiency (FPS/TOPS) in the world.

We Provide The X Factors

DEEPX is revolutionizing AI technology to new heights with its 'X factors'

Xceptional Technology

Supports various State-of-the-Art DXNN Algorithms

WORLD LEADING

Xtraordinary Quantization

AI Accuracy beyond theoretical limits

THE WORLD'S FIRST

Xtreme Low-power

1/100th of the power consumption compared to GPUs

THE WORLD'S BEST

GET IN TOUCH

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e-mail: sales@deepx.ai

DEEPX HQ

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DEEPX US

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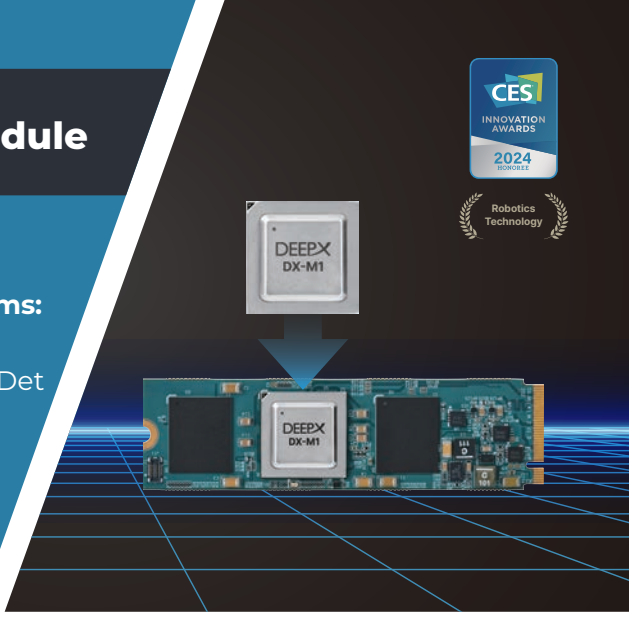
U.S.A.

DX-M1 with M.2 Module

- **AI Performance:** 25 TOPS
- **Support S-O-T-A Algorithms:** ResNet, MobileNet v1/v2/v3 SSD, EfficientNet, EfficientDet YOLOv5, YOLOv7, YOLO8 DeepLabv3, PIDNet and the latest YOLO Models, VLM(CLIP etc.)



Target Application

- Smart Camera Module
- Automotive
- Consumer Electronics
- Security Cameras
- Edge Computing
- Smart Mobility

Specification

Type	AI Accelerator
Form Factor	M.2 M-key
Dimensions	22 x 80 mm
Interface	PCIe Gen.3 x4
Memory	4GB LPDDR5, QSPI 1Gbit NAND Flash
Debug Port	UART0, JTAG1
Supported AI Frameworks	PyTorch, ONNX, TensorFlow
Supported OS	Linux (Ubuntu 18.04/20.04) Window (2024.4Q)
Supported Host Hardware	x86, ARM, RISC-V Based Architecture

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