Streamlining Development for Edge Computing

EDOM - Your Best Solutions Partner

EDOM Technology

Telephone: 886-2-2657-8811

Fax: 886-2-2657-9090

E-mail: sales@edomtech.com

www.edomtech.com

EDOM TECHNOLOGY CO., LTD.

EDOM Overview

Founded in 1996
Headquarters in Taipei

31
Sales Offices

840+
Employees

US$3.43B
2023 Revenue

Main Principals

ams OSRAM
AsteraLabs.
LATTICE SEMICONDUCTOR
MARVELL
MPS
NVIDIA
ROHM SEMICONDUCTOR
SILICON LABS
SKYWORKS
SONY
life.augmented
synaptics
TDK InvenSense
Telit Cinterion
TOREX
Western Digital.

EDOM Asia Sales Channels

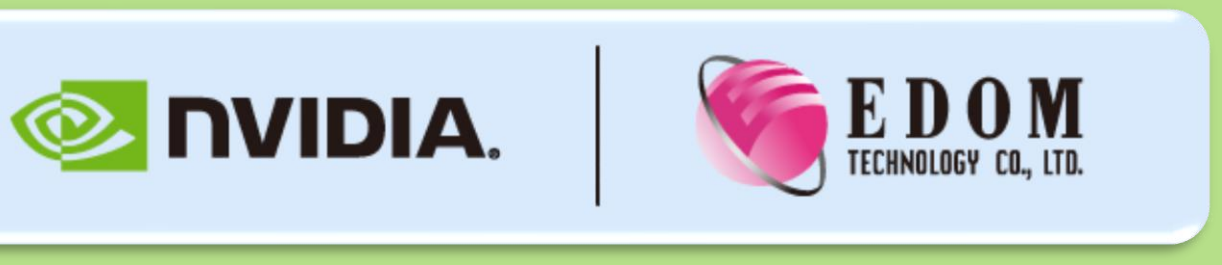
EDOM - Your Best Solution Provider

AMR Applications

Smart City Applications

Automation Applications

Medical Applications



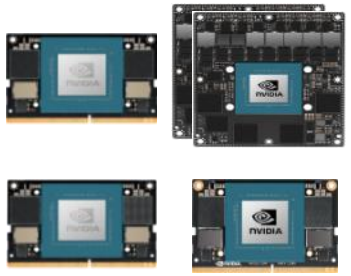
IC Partners

HW Partners

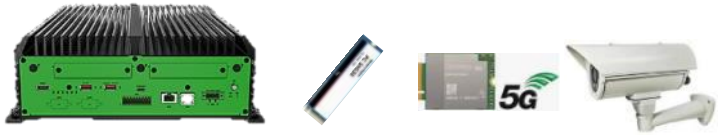
ISV Partners

Jetson’s Carrier Board - Vertical Market

Jetson Modules



Carrier Board Design

AMR	**AI BOX + GMSL CAM + Storage + LTE + WiFi**
Smart City	**AI BOX + Storage + LTE + IP CAM**
	
Automation	**AI BOX + Storage + WiFi + HighSeed CAM**
Medical	**AI BOX + Storage + CAM**

Jetson Carrier Board Function Design

Category	Features
Power	DC/DC Linear/Switch Regulator, LDO
Networking	RGMII 1G PHY, XFI 10G PHY
MCU	Power sequence, usb to UART
Protection	ESD Protection diode, TVS diode, Fuse
Passive Components	Transistor, MOSFET, Zener/ Schottky Diode, LED
Capacitor	Industrial grade MLCC

What are Components of an Application?

AMR

- GMSL CAM / Storage / LTE / WiFi / Sensor / Motor Control / Lidar

Smart City

- Storage / LTE / IP CAM / Networking

Automation

- Storage / WiFi / HighSpeed CAM / Sensor / Motor Control

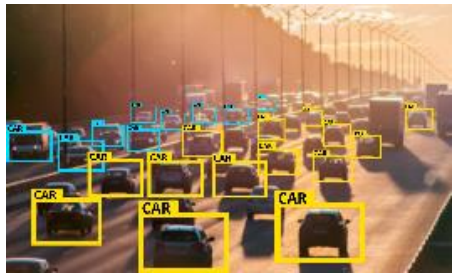
Medical

- Storage / Endoscope / Heart rate

HW System & ISV Provider

- HW System
  - Various partners' systems Different Applications focusing.

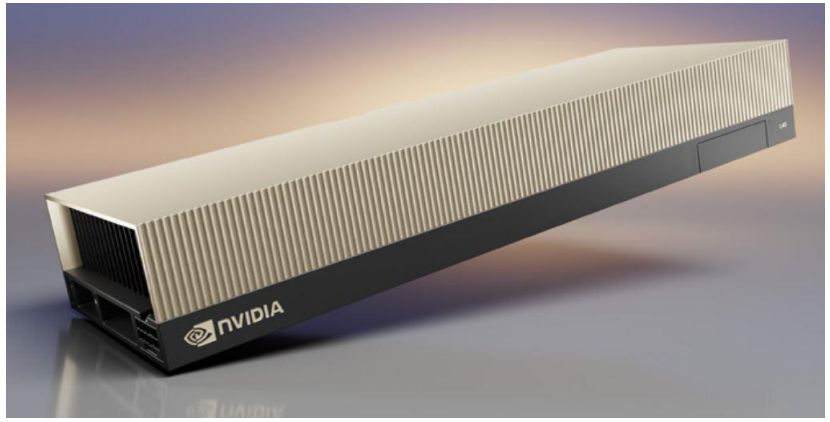
- ISV
  - ISV partners for Applications from OOB, Automation, Medical and more.



Why Choose EDOM

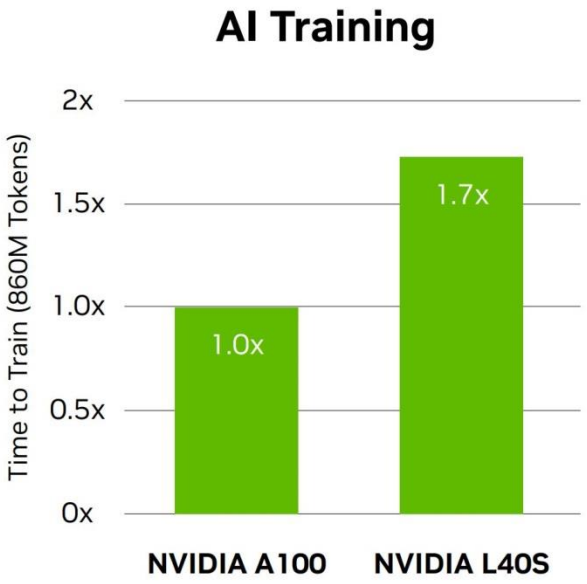
One Stop Service

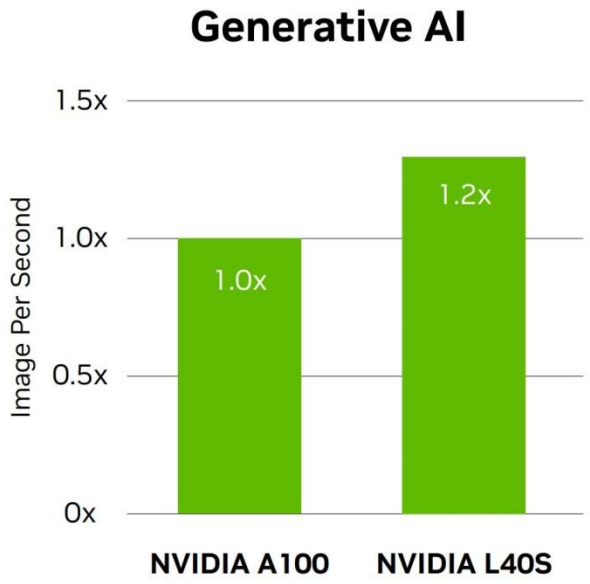
Unparalleled AI Performance - L40S



NVIDIA L40S

The Most Powerful Universal Data Center GPU for AI and Graphics



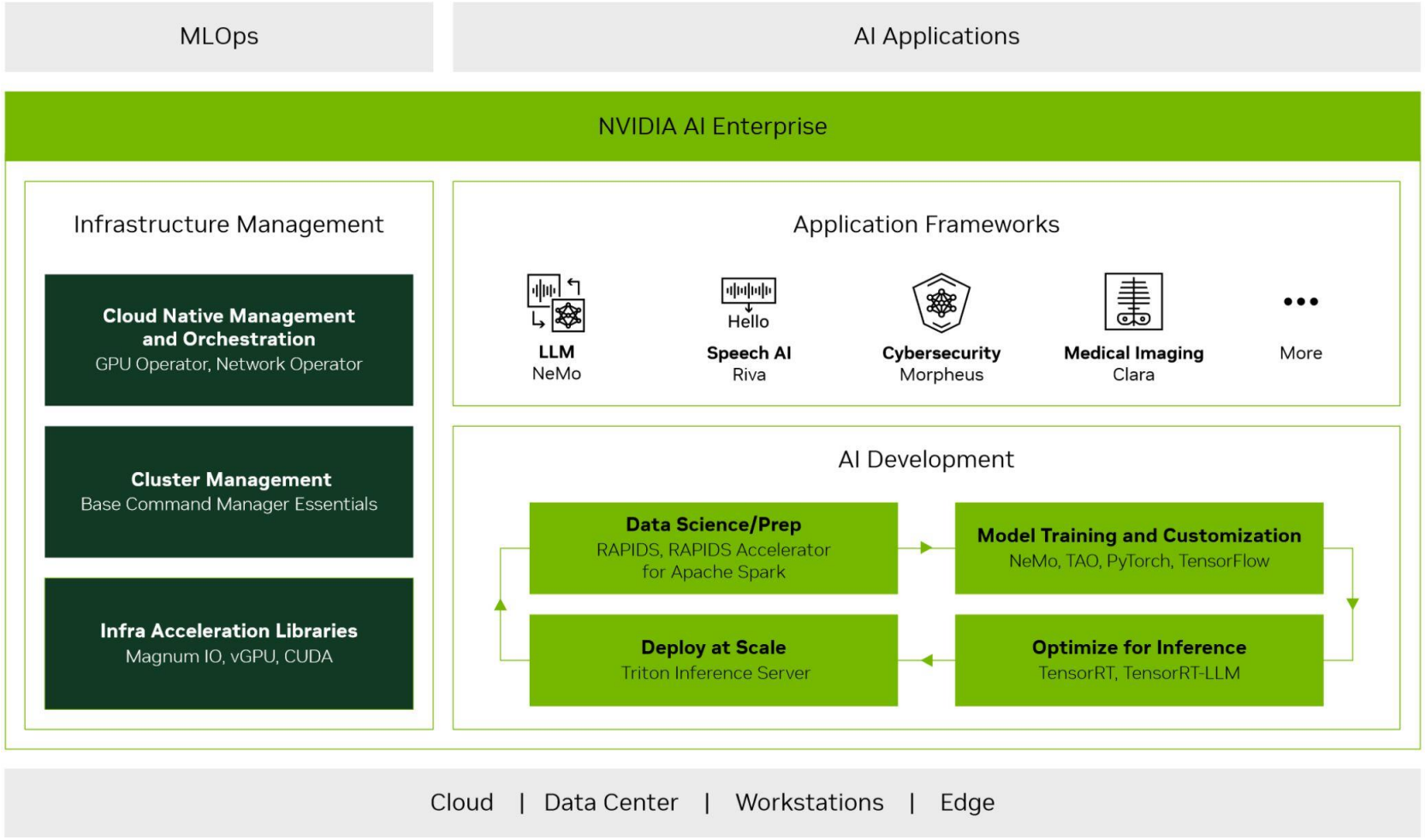


Accelerate Next-Generation Workloads

- Generative AI
- Large language model (LLM) training and inference
- NVIDIA Omniverse™ Enterprise
- Rendering and 3D graphics
- Streaming and video content

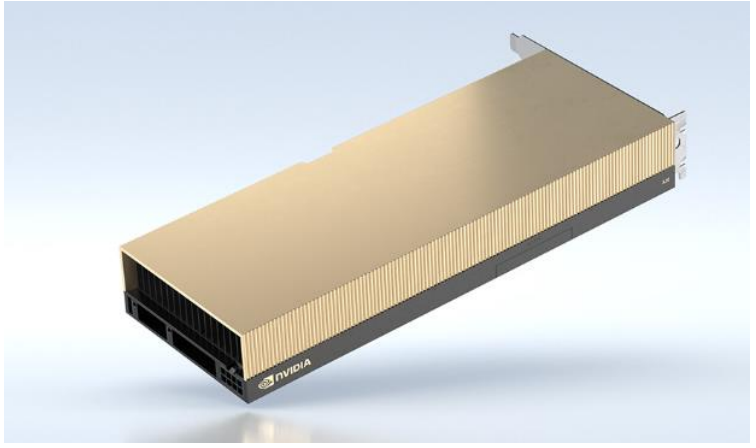
NVIDIA AI Enterprise

NVIDIA AI Enterprise relieves organizations of the burden of maintaining and securing the complex software platform of AI, freeing them to focus on building AI and harnessing its game-changing insights



Case Study : Expandable AI Platform for Smart Factory

Aetina AIP-FR68 with NVIDIA A30



Scale Out Model Training & Enterprise AI

Empower your enterprise with our professional AI workstation, AIP-FR68, featuring NVIDIA Data center A30 GPUs for outstanding performance. It provides a scalable supercomputing platform, supporting edge inference, small model training, and enabling innovative AI applications. Enhance productivity in your enterprise AI workflows.

Product Feature

- With a specialized thermal design to support dual passive NVIDIA A30 GPU driving for localized AI training
- Pre-installed NVIDIA AI Workbench Software tool
- Drive breakthrough AOI AI defect detection with Metropolis for Factories
- AI workstation with NCS (NVIDIA-Certified System) certification

Case Study : 5G Edge Server for 5G Radio Networking

Lanner ECA-5540 with NVIDIA L4

Use Case: on 5G RAN – surveillance, security use

NVIDIA L4: Computing entry level use for all the basic Edge

Product Feature

- 5th Gen Intel® Xeon® Scalable Processors
- Intel vRAN Boost Support
- Short Depth Chassis and Front I/O Design
- 16x DDR5 4400MHz RDIMM, Max. 1024GB
- 1x OCP 3.0 NIC Module
- 0 ~ 50ºC Operating Temperature (By CPU SKU)
- 2x M.2 NVMe 2280, 2x 2.5” SATA/ U.2
- 1x FHFL PCIex 16 slot, 2xLP or 1xFHHL slot (PCIex8)
- Secure BMC / TPM 2.0
- A NVIDIA-Certified System for industrial edge

Contact Information

Where to find?

Booth 934 EDOM Technology

Contact:

Wilson Yen (Sr Product Manger)

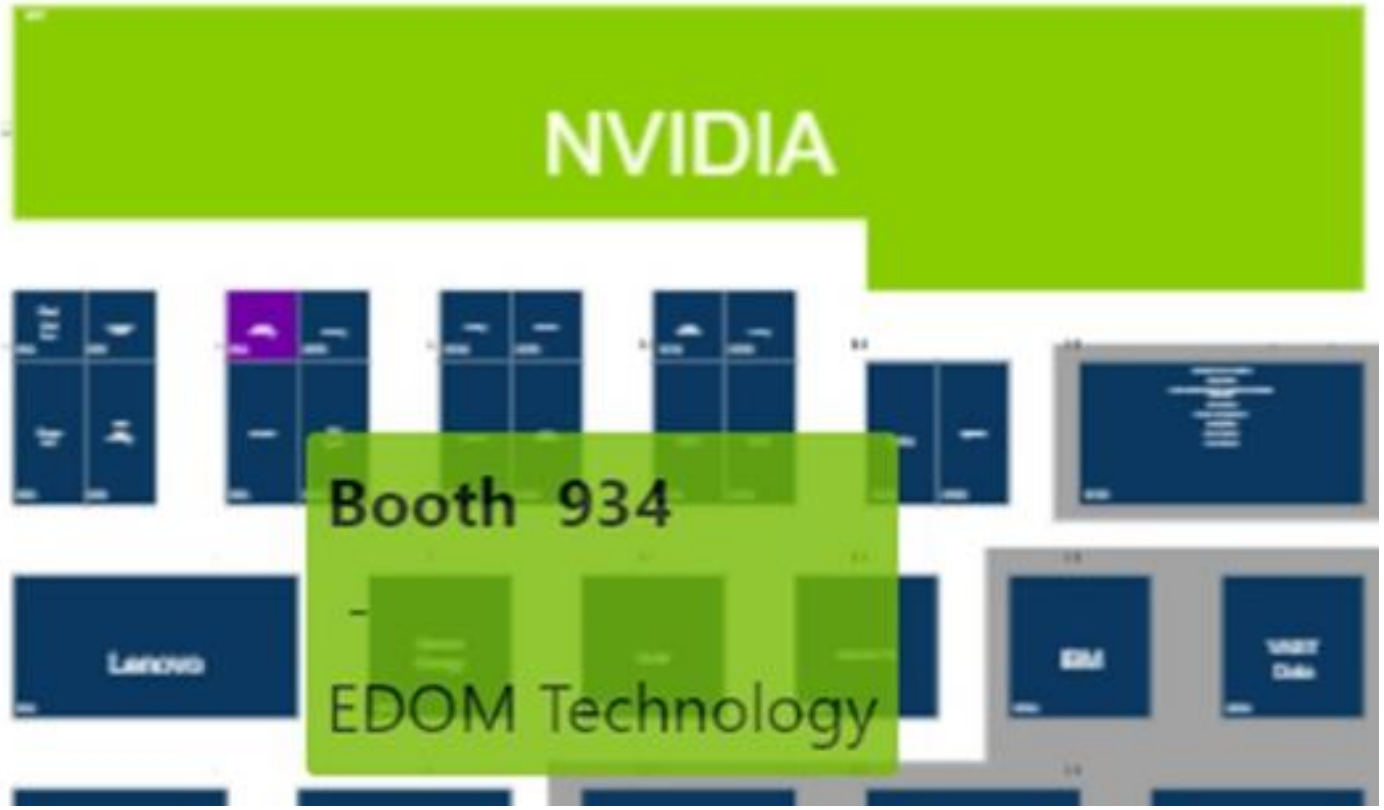
wilsonyen@edomtech.com

Data Center relative

Ryan Tseng (Product Manger)

ryant@edomtech.com

NVIDIA Jetson Series



Thank You !

For More information please contact : sales@edomtech.com

http://www.edomtech.com

EDOM
TECHNOLOGY CO., LTD.