



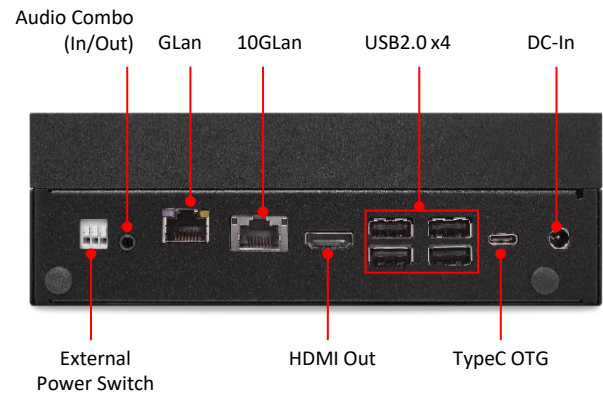
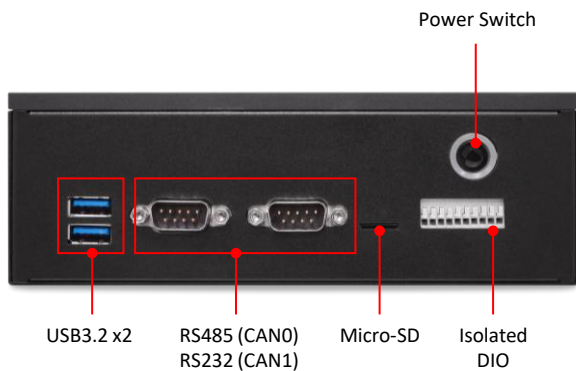
Power & Ruggedized Next-Gen AI Computing

200~275 TOPS | NVIDIA Jetson AGX Orin | Edge AI IPC

DEV2725

The DEV2725 is a high-performance Edge AI industrial computer featuring the NVIDIA Jetson AGX Orin with 32GB/64GB memory and delivering an impressive 200~275 TOPS of AI computing power. Housed in an ultra-compact, fanless design, it offers robust I/O including 10GbE LAN, 6 USB ports, 8-bit DIO, and a PCIe x8 slot, along with TPM 2.0 for secure operations. Designed for edge deployment, the DEV2725 is ideal for computationally demanding applications such as medical image recognition, factory defect detection, and traffic technology execution.

- Compact fanless Edge AI computer
- Embedded with NVIDIA Jetson AGX Orin 32GB/64GB
- Up to 200/275 TOPS
- Ultra compact with fanless design
- Rich I/Os as Lanx2(10GBx1), USBx6, DIOx8bits, and PCIe x8 slot
- Support TPM2.0



Model name		DEV2725
Color		Black
Dimensions	W x H x D (mm)	175 x 69 x 135 mm
	W x H x D (inch)	6.89 x 2.72 x 5.31 inch
Weight	Net Weight	1.6 kgs / 3.5 lbs
	Gross Weight	2.4 kgs / 5.3 Lbs
CPU	Type	NVIDIA Jetson AGX Orin 32GB/64GB
Memory	Type	32GB, 256bit LPDDR5 / 64GB, 256bit LPDDR5
Expansion slot		64GB eMMC 5.1 M.2 slot x1, 2280 (key M for NVMe SSD) M.2 slot x1, 2230 (key E for Wifi/BT) M.2 slot x1, 3042 (key B for LTE/4G/5G)
LAN		10 GLAN x1, GLAN x1
Storage	eMMC	x 1
	M.2 SSD	x 3

System I/O	DC Input	X 1 (12~20V)
	HDMI Port	X 1
	USB 3.2	X2 (Type A connectors)
	USB 2.0	X 4
	COM	RS232(CAN1) X 1, RS485(CAN0) X 1
	PCIe x8 slot	X 1
	Antenna Holes	X 2
	Power Button	X 1
	Others	8bit Isolate DIO (4 In/4 out) x1, SIM slot x1, MicroSD Card x1, Extension IO (I2C, I2S, PWM UART(TX/RX), OOB x1, 120pin MIPI x1, Audio combo x1
Watchdog Timer		1 ~ 255 sec/min
Power Supply		90W(19V, 4.74A) AC Adapter
Input Voltage		DC 12 ~ 20V
TPM		TPM2.0
Warranty		2 Years
Operating Temperature		-20 ~ 50°C (-4 ~ 122°F)
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)
Relative Humidity		90% RH (45°C non-Condensing)



*Please note that product specifications are subject to change without notice

Applications



Smart Factory



Smart Medical



Smart Security



Smart Transportation



AOPEN Headquarter
New Taipei City,
Taiwan

AOPEN America
San Jose,
USA

AOPEN Europe
's-Hertogenbosch,
Netherland

AOPEN Australia
Melbourne,
Australia

AOPEN Japan
Tokyo,
Japan

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Shanghai,
China