

EAI-I730

Industrial Grade High Performance AI Platform
With 12/13/14th Gen Intel® Core i Processors



■ Features

- 12th/13th/14th Gen. Intel® Core i9/i7/i5/i3 Processors
- 5600MHz DDR5 SODIMM Up to 96GB, 4x 2.5" Removable HDD/SSD
- 2x 2.5GbE RJ45, 1x RJ45 Console, 1x RJ45 LOM (By SKU)
- 2x RS232/422/485 COM, 8x USB 3.2, 1x HDMI, 1x DP, 4x DI & DO
- 1x M.2 (NVMe) 2280 M-Key, 2x SATA M.2 2242 M-Key
- 2x PCIe*16, 2x PCIe*4, 1x M.2 2230 E-Key for WiFi 6/6E (BT), M.2 3042/3052 B-Key for LTE/5G
- -25°C~65°C Operating Temperatures

■ Specifications

Processor System

| | |
|---------|---|
| CPU | 12th/13th/14th Gen. Intel® Core i9/i7/i5/i3 |
| Chipset | Intel® R680E |

Memory

| | |
|------------|----------------------------|
| Technology | 5600Mhz DDR5 ECC / Non-ECC |
| Capacity | Up to 96GB |

Ethernet

| | |
|-----------|---|
| Speed | 100M/1G/2.5 GbE |
| Interface | 1x Console (By SKU B) 2x 2.5GbE RJ45 1x RJ45 LOM (By SKU) |

Storage

| | |
|--------------|---|
| Type | SATA III |
| Installation | 4x 2.5" SSD Removable HDD/SSD 1x M.2(NVMe) 2242/2280 M-Key 2x SATA M.2 2242 M-Key |

I/O

| | |
|---------|--------------------------|
| COM | 2x DB9 RS232/422/485 |
| Audio | Mic-in, Line-out |
| USB | 8x USB 3.2 (Gen1 Type A) |
| Display | 1x HDMI 2.0 1x DP 1.4 |
| DIO | 4x DI & 4x DO |

Button

| | |
|-------|-----------------|
| Reset | 1x Reset Button |
| Power | 1x Power Button |

Expansion Interface

| | |
|------|---|
| M.2 | 1x M.2 2230 E-Key for WiFi 6/6E (BT) 1x M.2 3042/3052 B-Key for LTE/5G |
| PCIe | 2x PCIe*4, 2x PCIe*16 (support FH/HL) |

Fanless

6x Smart Fan for PCIe expansion

Cooling

| | |
|-----------|----------------------|
| Processor | Passive CPU Heatsink |
|-----------|----------------------|

Power

| | |
|--------|-------------|
| Input | 100~240 VAC |
| Output | 12V, 41.6A |

Environment

| | |
|-----------------------|--|
| Operating Temperature | -25~65°C Operating with 35W CPU and without PCIe expansion card -25~45°C Operating with 65W CPU and without PCIe expansion card |
| Storage Temperature | -40°C~85°C |
| Relative Humidity | 5%~95% Non-condensing |

Mechanical

| | |
|-----------------------|-------------------|
| Dimension (W x D x H) | 374 x 419 x 250mm |
| Weight | 20kg |
| Mounting | Mount |

OS Support

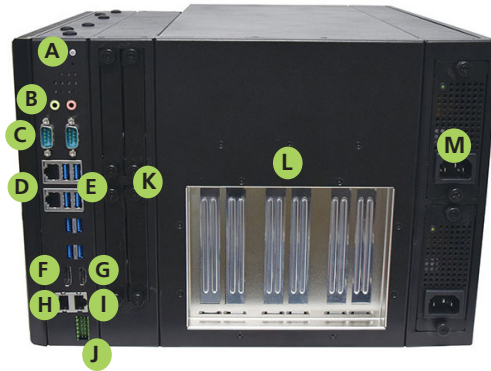
| | |
|---------|--------------------|
| Linux | Ubuntu 22.04 |
| Windows | Windows 11, Win 10 |

Certification

| | |
|-----|------------------------------------|
| EMC | CE/FCC Class A, UKCA, UL, CB, RoHS |
|-----|------------------------------------|

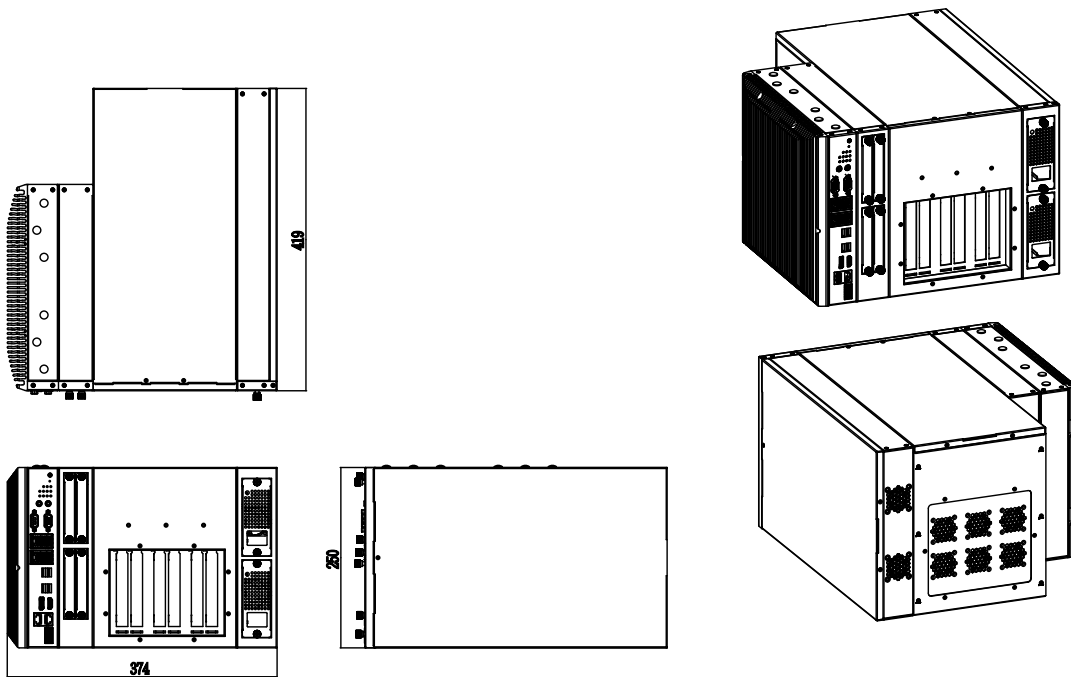
Product I/O View

Reference images. Please contact Lanner for more information.



- | | | | | |
|-----------------------------|------------------|------------------------|--------------------------------|----------------------|
| A Power/Reste Button | D LAN | G HDMI | J DIO | M Power Input |
| B Mic-in & Line-out | E USB 3.2 | H RJ45 for IPMI | K 4x 2.5" Removable SSD | |
| C COM | F DP Port | I Console | L 2x PCIe16/ 2x PCIe4 | |

Dimensions (W x D x H) 374 x 419 x 250 mm



Ordering Information

- EAI-I730A** 12th/13th/14th Gen. Intel® Core i9/i7/i5/i3 Processors, 2x DDR5 ECC SO-DIMM, 1x HDMI, 1x DP, 2x 2.5GbE LAN, 2x mSATA, 4x Removable 2.5" SATA Drive Bays (RAID 0,1,5,10), 1x M.2 LTE+5G, 1x M.2 WiFi, 2x DB9 RS-232/422/485, 8x USB 3.2, 2x PCIe 16X, 2x PCIe 4X, TPM 2.0 Onboard, 1x Audio Mic-in/Line-out, 4x DI & 4x DO, 1x RJ45 Console, 1x RJ45 LOM, Dual Power Input (100~240VAC)
- EAI-I730B** 12th/13th/14th Gen. Intel® Core i9/i7/i5/i3 Processors, 2x DDR5 ECC SO-DIMM, 1x HDMI, 1x DP, 2x 2.5GbE LAN, 2x mSATA, 4x Removable 2.5" SATA Drive Bays (RAID 0,1,5,10), 1x M.2 LTE+5G, 1x M.2 WiFi, 2x DB9 RS-232/422/485, 8x USB 3.2, 2x PCIe 16X, 2x PCIe 4X, TPM 2.0 Onboard, 1x Audio Mic-in/Line-out, 4x DI & 4x DO, Dual Power Input (100~240VAC)

V.3-2026.2.27

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