

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
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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

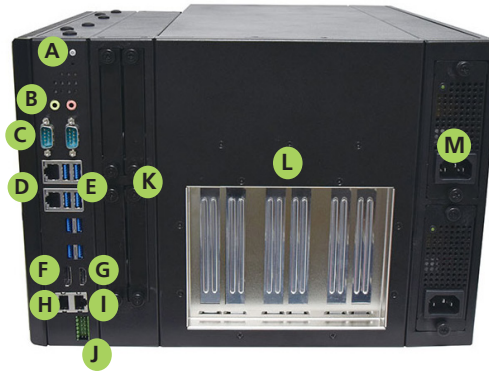
Linux	Kernel 5.x, Ubuntu
Windows	Win 10

Certification

EMC	CE/FCC Class A, UKCA, UL, CB, RoHS
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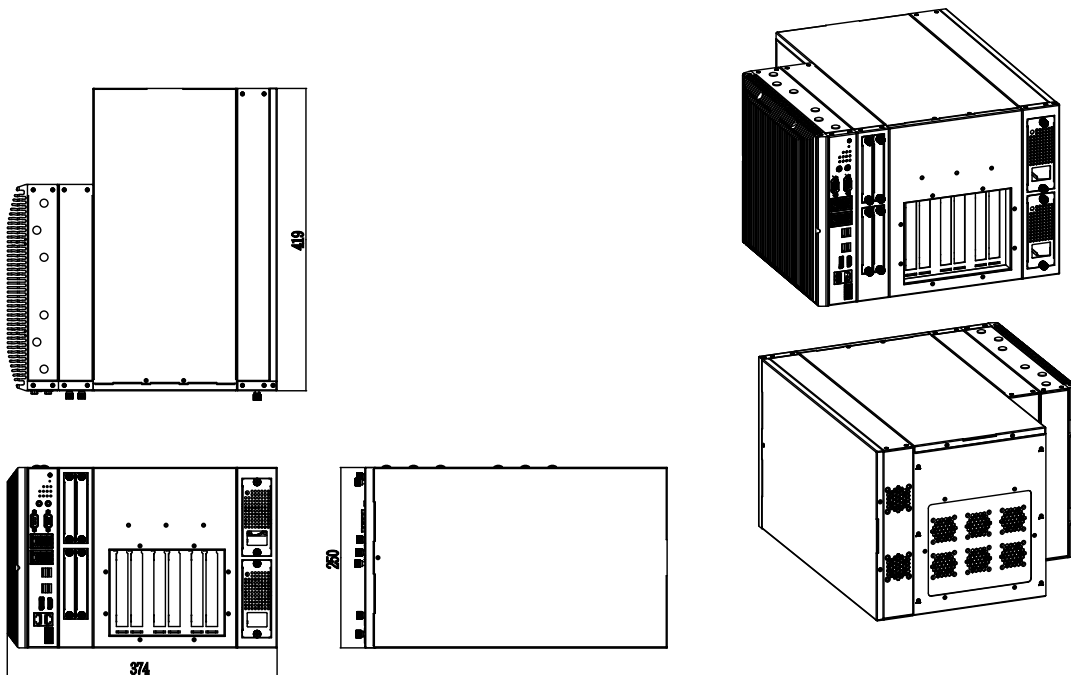
Product I/O View

Reference images. Please contact Lanner for more information.



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|-----------------------------|------------------|------------------------|--------------------------------|----------------------|
| 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)

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All product specifications are subject to change without notice.

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