

# EAI-I730

Industrial Grade High Performance AI Platform  
With 13th Gen Intel® Core i9/i7 Processors



## ■ Features

- 13th Gen. Intel® Core i9/i7 Processors (codename: Raptor Lake-S)
- 3200MHz DDR4 SODIMM Up to 64GB, 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 (Gen2, Type A)
- 1x M.2 (NVMe) 2280 M-Key, 2x SATA M.2 2242 M-Key
- 2x PCIe\*16, 2x PCIe\*4, 1x Nano-SIM & eSIM, 1x HDMI, 1x DP, 4x DI & DO
- -25°C~65°C Operating Temperatures

## ■ Specifications

### Processor System

CPU	13th Gen. Intel® Core i9/i7 (Raptor Lake-S)
Chipset	Intel® R680E

### Memory

Technology	DDR4 ECC / Non-ECC
Capacity	64GB

### 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

### I/O

COM	2x RS232/422/485
Audio	Mic-in, Line-out
USB	8x USB 3.2 (Gen2 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(NVMe) 2280 M-Key 2x SATA M.2 2242 M-Key 1x M.2 2230 E-key
PCIe	2x PCIe*16, 2x PCIe*4

### Fanless

N/A

### Cooling

Processor	Passive CPU Heatsink
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### Power

Input	100~230 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
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Storage Temperature	-40°C~85°C
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Relative Humidity	5%~95% Non-condensing
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### Mechanical

Dimension (W x D x H)	374 x 250 x 419mm
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Weight	20Kg
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Mounting	Wallmount
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### OS Support

Linux	Kernel 5.x, Ubuntu
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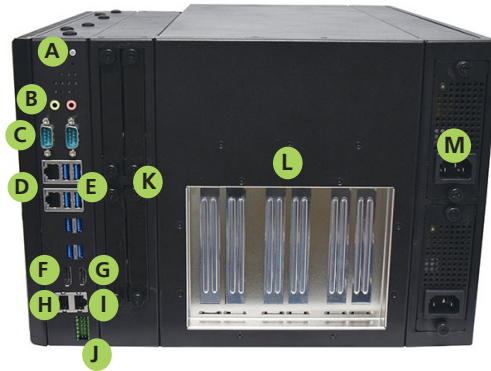
Windows	Win 10
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### Certification

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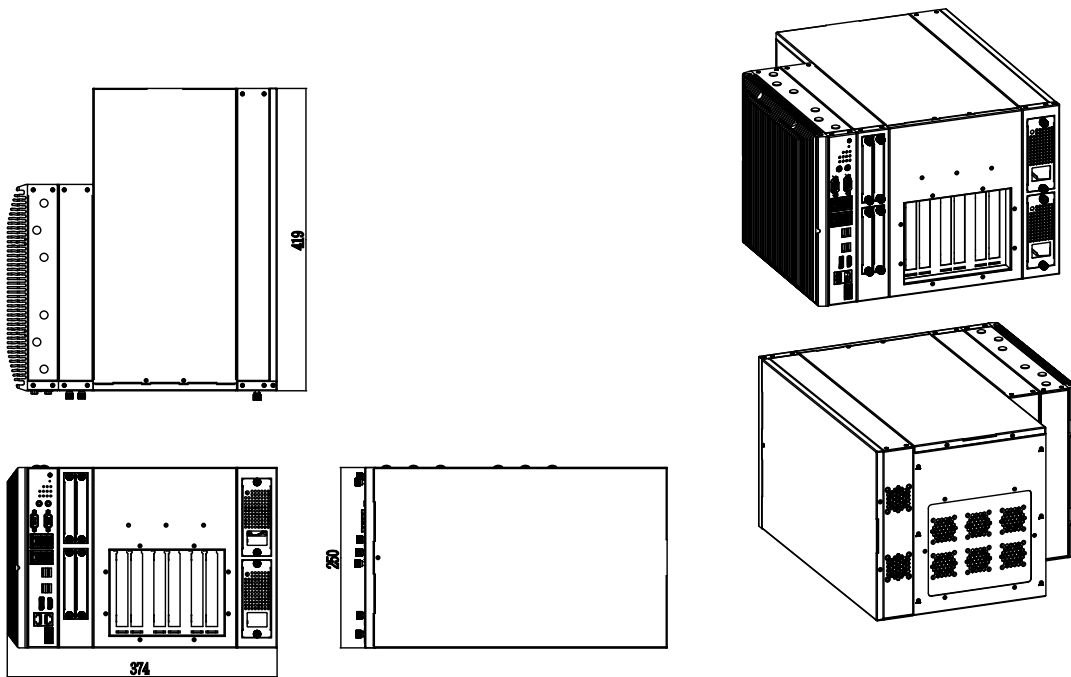
## Product I/O View

Reference images. Please contact Lanner for more information.



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

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



## Ordering Information

**EAI-I730A**

13th Gen. Intel® Core i9/i7 Processors (Raptor Lake-S), 2x DDR4 ECC SO-DIMM, 1x HDMI, 1x DP, 2x 2.5GbE LAN, 2x mSATA, 1x PCIe 4X, 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 (100~230VAC)

**EAI-I730B**

13th Gen. Intel® Core i9/i7 Processors (Raptor Lake-S), 2x DDR4 ECC SO-DIMM, 1x HDMI, 1x DP, 2x 2.5GbE LAN, 2x mSATA, 1x PCIe 4X, 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 (100~230VAC)

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# Lanner

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[contact@lannerinc.com](mailto:contact@lannerinc.com) | [www.lannerinc.com](http://www.lannerinc.com)