

## Features

- LGA1700 Intel® 12th/13th/14th Generation Core i9/i7/i5/i3, Pentium and Celeron processor
- Dual-channel DDR4 3200MHz
- Support Display Port 1.4a & HDMI & iDPM module
- Support 2x PCIe Gen3 M.2 M keys for NVMe SSD
- Support One PCIe Gen4 x16, (support single slot FHFL GPU card)
- 4 x hot-swappable 3.5"/2.5 HDD/SSD SATA 6G/s bay
- Redundant PSUs



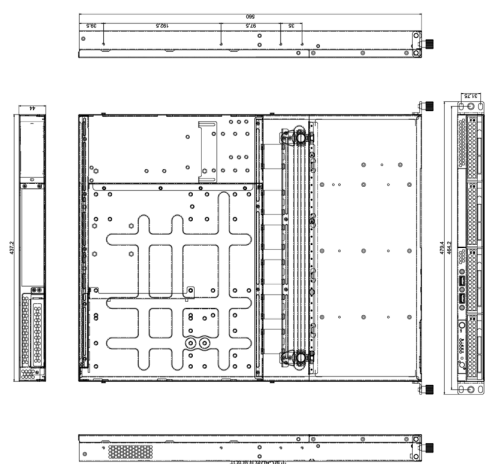
## Specifications

|                        |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| MODEL NAME             | GAIA- 3010I                                                                                                                                             |
| Form factor            | 1U Rack mount , 437(W) x 44(H) x 561(D) mm                                                                                                              |
| CPU                    | LGA1700 socket supports 12th/13th/14th generation Alder Lake-S/Raptor Lake-S Intel® Core™ i9/i7/i5/i3/Pentium®/ Celeron® Processor (up to 125W TDP CPU) |
| Chipset                | Intel® Q670/Q670E                                                                                                                                       |
| BIOS                   | AMI UEFI BIOS                                                                                                                                           |
| Memory                 | 4 × 288-pin 3200 MHz dual-channel DDR4 SDRAM UDIMM(up to 128GB)                                                                                         |
| Graphics Engine        | Intel® UHD Graphics                                                                                                                                     |
| Storage                | 4 x 3.5"/2.5" Hot-swappable HDD bay                                                                                                                     |
| Display Output         | 1 x DP 1.4a (up to 4096 x 2304 @60Hz)<br>1 x HDMI 1.4 (up to 4096 x 2304 @30Hz)                                                                         |
| Ethernet               | LAN1: Intel® I226LM 2.5GbE controller<br>LAN2: Intel® I226V 2.5GbE controller<br>(CO-LAY I226LM support vPro)                                           |
| External I/O Interface | 4 x USB 3.2 Gen2 (Type-A) (10Gb/s)<br>2 x USB 3.2 Gen1 (Type-A) (5Gb/s)<br>2 x USB 2.0 (Type-A)<br>2 x RS-232/422/485 (RS-485 support AFC)              |
| Expansion              | 1 x PCIe Gen4 x16 (full-height, half-length, slim expansion card)<br>1 x M.2 M key 2242/80 (PCIe Gen3 x4)<br>1 x M.2 M key 2242/80 (PCIe Gen3 x2)       |
| System Fan             | 4028 12000RPM fan *4                                                                                                                                    |
| Power supply           | Redundant power supply 600W                                                                                                                             |
| Operating Temperature  | 0°C ~ 60°C                                                                                                                                              |
| Storage Temperature    | -30°C ~ 70°C                                                                                                                                            |
| Operating Humidity     | 5% ~95%, non-condensing                                                                                                                                 |
| Net Weight             | 9kg                                                                                                                                                     |
| Certification          | CE/FCC compliant                                                                                                                                        |
| OS                     | Windows® 11, Linux                                                                                                                                      |

# Fully Integrated I/O



# Dimensions (Unit: mm)



# Ordering Information

| PART NO.       | DESCRIPTION                                                                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GAIA-3010I-R10 | 1U Chassis, IMBA-ADL-Q670-R10-BCD, LGA1700 Intel® 12th/13th/14th Generation Core i9/i7/i5/i3, Pentium and Celeron processor, Dual-channel DDR4, 2xM.2 M keys for storage , 4x3.5"/2.5 HDD bay, 600W Redundant PSU |

# Packing List

| ITEM           | PART NO | Q'TY |
|----------------|---------|------|
| GAIA- 3010I    |         | 1    |
| Slide rail kit |         | 1    |
| Screw pack     |         | 1    |

# Options

| ITEM          | PART NO            | DESCRIPTION                                             |
|---------------|--------------------|---------------------------------------------------------|
| Cooler Module | 19100-000361-00-RS | Cooler Module for LGA1700 ;90*90*28.5mm with Blower fan |