Système industriel embarqué > Edge AI System

GAIA-3010I

AI-ready solutions tailored for Edge

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

Form factor	
SBC Form Factor	» 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
	» Memory:
	4 x 288-pin 3200 MHz dual-channel DDR4 SDRAM UDIMM
	(up to 128GB)
	» Power:
	600W redundant power supply
I/O Interface	
I/O Ports	» USB:
	4 x USB 3.2 Gen2 (Type-A) (10Gb/s)
	2 x USB 3.2 Gen1 (Type-A) (5Gb/s)
	2 x USB 2.0 (Type-A)
	» COM Port:
	2 x RS-232/422/485 (RS-485 support AFC)
	» Ethernet:
	LAN1: Intel® I226LM 2.5GbE controller
	LAN2: Intel® I226V 2.5GbE controller
	(CO-LAY I226LM support vPro)
	» Display Output:
	1 x DP 1.4a (up to 4096 x 2304 @60Hz)
	1 x HDMI™ 1.4 (up to 4096 x 2304 @30Hz)
Expansion Slots	
Expansion Slots	» M.2:
	1 x 2280 M-key (PCIe Gen4 x4)
	1 x 2230 A-key (USB + PCIe x1, supports vPRO)

	» PCIe:
	1 x PCIe Gen4 x16 (full-height, half-length, slim expansion card)
System	
Cooling method / System Fan	» Fan:
	4 x 4028 12000RPM fan
Drive Bays	4 x hot-swappable 3.5" or 2.5" HDD/SSD SATA 6G/s bay
Dimensions	
Dimensions	437(W) X 44(H) X 560(D) mm
Weight	
Weight	9kg
Environment	
Operating Temperature	0°C ~ 60°C
Humidity	5% ~ 95%, non-condensing
Safety & EMC	CE/FCC compliant
OS Compatible	
OS Compatible	Windows® 11, Linux

Ordering Information

GAIA-3010I-R10	Intel® 12th/13th/14th Gen Core i9/i7/i5/i3, Pentium and Celeron processor Dual-channel DDR4 3200MHz, 2x PCIe Gen3 M.2 M keys for NVMe SSD,1x PCIe Gen3 x16, 4 x SATA 3.5" hot-swappable SSD bay,600W Redundant PSUs

Packing List

1 x GAIA-3010I	1 x Slide rail kit
1 x Screw pack	