

Lex SYSTEM[®]

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LEX System Edge AI Solution

APOLLO
3I370DW

Video Surveillance



APOLLO 3I370DW is a rugged GPU Computing edge AI platform which supports a high-end NVIDIA® graphics card to offer the advanced AI applications such as machine learning, autonomous vehicle, intelligent video analytics, surveillance and security.





APOLLO 3I370DW

APOLLO 3I370DW is powered by Intel® 9th/8th Gen Coffee Lake-S Core™ CPUs coupled with Intel® Q370 chipset and supports up to 64 GB DDR4 memory. In addition to mSATA, SATA and SSD, APPOLLO 3I370DW also provides M.2 NVMe socket for the fast read/ write performance. APOLLO 3I370DW is designed with wide range 12~24V DC input to handle heavy power requirements from 250W~500W GPU card and vehicle power system.

APOLLO 3I370DW equipped with DP, HDMI display interface, 5 x GbE, 4 x USB 3.1 and optional serial /DIO/Audio I/O ports, is also the ideal platform to integrate diagnostic test tools and control equipments for video surveillance, vehicle communication and industrial IoT automation applications.

Surveillance and Security





APOLLO 3I370DW



APOLLO-RS 3I370DW



APOLLO-S 3I370DW



NVIDIA GeForce RTX3070

GA104 Graphics Process

CUDA Core 5888

GDDR6 8GB/256 bit Bus Width

184 TMUS; 96 ROPS



APOLLO-RS-3I370DW-2CXX

High Performance 8th / 9th Gen Intel® Coffee Lake-S i7 / i5 / i3 / Edge AI Computing Platform

■ Features:

- Intel® Core i9-9900T 35W CPU
- Intel® Q370 Chipset
- 2 x DDR4 SODIMM socket, Max. 64GB
- Multiple Independent display: HDMI, DP
- 5 x Intel GbE LAN, 4 x USB 3.1 (2~4 x COM, Audio-option)
- DIO (optional), 1 x M.2 B Key, 1 x Mini PCIe, 1 x PCIe x16 Slot
- Supports NVIDIA® RTX3070 GPU Card, 1 x Nano SIM

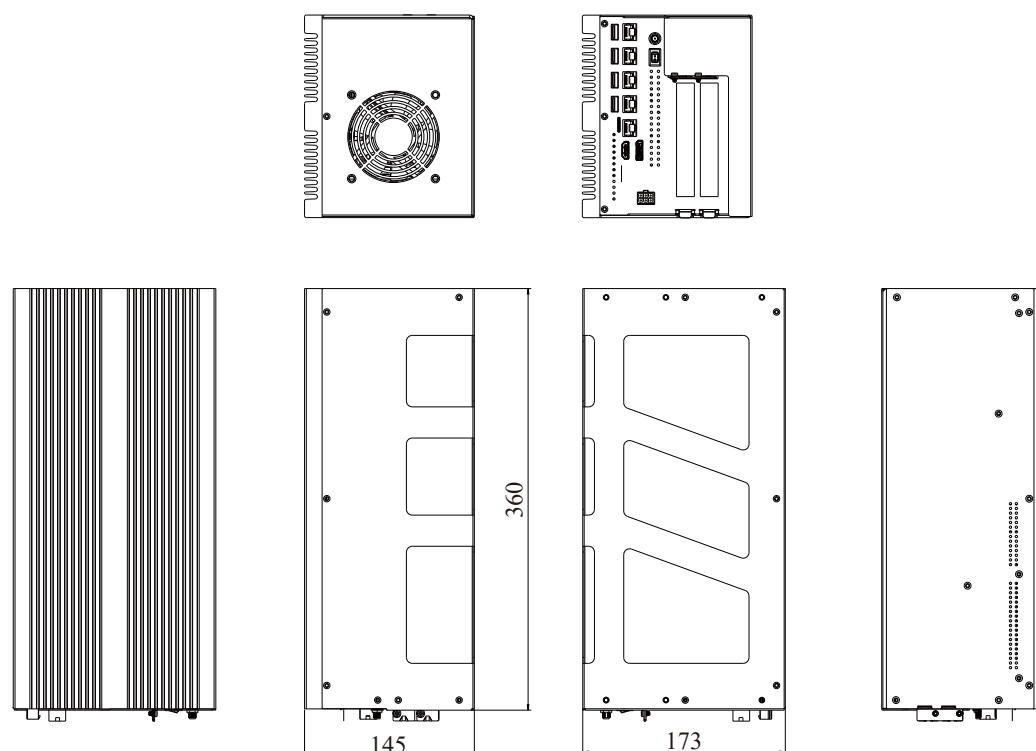
■ Specifications :

| | |
|-----------------------------|--|
| Motherboard | 3I370DW-2CXX |
| CPU | Core i9-9900T 35W CPU |
| Chipset | Intel® Q370 |
| Memory | 2 x DDR4 SODIMM socket, Max. 64GB |
| Storage | mSATA, HDD / SSD*, M.2 |
| Expansion slots | 1 x Full-size Mini PCIe (PCIe / mSATA / USB 3.0 / 2.0) 1 x M.2 Bkey Type2242 (PCIe / mSATA / USB 3.0 / 2.0) 1 x PCIe slot, 1 x Nano SIM |
| I/O ports | Network 5 x Intel GbE (1 x I219LM + 4 x I210 IT) USB 4 x USB 3.1 Serial ports 2~4 x RS232 / 422 / 485 (option) DIO 16DI / 16DO (optional to COM port) Display 1 x DP, 1 x HDMI |
| Optional Modules & Accessor | NVIDIA GeForce RTX3070 GPU Card *SATA Kit, Wall Mount Kit |
| OS Support | Windows 10 IOT Enterprise high end |

■ Mechanical

| | |
|-----------------------------------|----------------------------|
| Dimensions | 360 x 145 x 173 mm |
| Weight | 7.35 kg |
| Mounting | Wall Mount* |
| ■ Power | |
| DC input | DC +24V (RS814 riser card) |
| ■ Environment | |
| Operating Temp. (100 % CPU usage) | -10°C to +50°C with SSD |
| Storage Temp. | -20°C to +70°C |

■ Dimension



Specification are subject to change without prior notice. ODM / OEM is available.



RS804

Riser card



RS814

Riser card for heavy
power expansion



PW502

Wide range Power board
& Power Supply



E694A

4 x PoE 802.3 AF/AT

About LEX Comptech

Established in 1990, LEX Comptech is an industrial computer manufacturer, provides LEX SYSTEM embedded solutions include designing and manufacturing of industrial motherboards, fanless embedded systems, rugged panel PC, in-vehicle fanless PC, network appliances, machine vision and automation controllers & IoT related solutions.

LEX SYSTEM's R&D team consisted with electronics, layout, system, mechanical, BIOS, firmware as well as software engineers, plus with experienced project management, in-house manufacturing and after sales service provides ODM /OEM customized products for various application-oriented projects.

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