AIGE 1000 C10

Main Features

- Support 12/13/14th Gen. Intel® Core™ i3/i5/i7/i9 LGA1700 socket type processor
- Intel® Q670E PCH
- 2 x HDMI & 2 x DP
- 8 x USB3.2 Gen 2
- 2 x optional RS232/422/485

- 1 x M.2 Key B 2242/3042/3052 for storage/LTE/5G
- 1 x M.2 Key M 2280 for storage, support NvME
- 1 x mPCIe for Wifi/BT/LTE/mSATA
- Support -5°C~55°C extended operating temperature
- Support one PCIe x16 GPU card up to 500W

Product Overview

Introducing the newest addition to NEXCOM's lineup: the AIGE series, engineered for AI inference and high-performance multitasking. The series debuts with the AIGE 1000, available in two variants equipped with either a 500W or 850W built-in power supply, tailored to support a wide range of PCIe x16 add-on graphics cards. These flexible power options enable seamless integration of GPUs up to 500W, unlocking capabilities for advanced AI workloads, including predictive maintenance and machine learning applications. The system also features onboard M.2 slots for high-speed storage or communication modules, enhancing overall system responsiveness and expandability. Housed in a lightweight yet durable chassis, the AIGE 1000 is designed to withstand the demands of industrial environments while delivering robust computing power.

Specifications

CPU Support
•Support Intel® 12/13/14th Gen Core™ i3/i5/i7/i9 LGA1700 socket type processors up to 65W

Main Memory
•2 x DDR5 6400MHz SO-DIMM socket, support up to 64GB

Display Option
•Quad independent display: dual HDMI + dual DP

I/O Interface-Front
•ATX power on/off switch
•Optional FBI module window

I/O Interface-Rear
•2 x Display ports
•2 x HDMI ports
•8 x USB 3.2 ports (900mA per each)
•2 x Intel® i226-IT 2.5GbE LAN ports; support WoL, teaming and PXE
•Optional 2 x RS232/422/485 via DB9 window
•2 x GPO + 1 x COM Tx + 1 x COM Rx LED indicators
•1 x AC input

I/O Interface - Internal
- 1 x nano SIM slot
- 2 x 7pin SATA connectors, support RAID 0/1

Storage Device
- 2 x 2.5" SSD tray
- 1 x M.2 Key M 2280, support NvME + SATA
- 1 x mPCIe, support mSATA

Expansion Slot
- 1 x M.2 Key B 2242/3042/3052, support LTE/5G
- 1 x PCIe x16, up to 500W TDP
  Add-on card Max. length: 334.8mm max. (w/ system fan)

Certifications
- CE approval- EN61000-6-2- EN61000-6-4
- FCC Class A

OS Support
- Windows 10
- Windows 11
- Linux