AIGE 1000 C10

12/13/14th Gen. Intel® Core™ i3/i5/i7/i9 High Performance System with Expansion

Main Features

- Support 12/13/14th Gen. Intel® Core™ i3/i5/i7/i9 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℃~55℃ extended operating temperature
- Support one PCIe x16 GPU card up to 500W

Product Overview

The latest member to NEXCOM's systems with expansion for AI inference and powerful multitasking. The AIGE series kicks off with the 1000 model along with two variants, offering 500W and 850W power to the add-on PCIe x16 graphic card. Choosing among the variants mean that you will have capabilities to insert different power GPU cards at your fingertips, including a 650W graphics card for advanced AI and predictive maintenance uses. The onboard M.2 slots are perfect for storage or communication, while the AIGE 1000's lightweight but sturdy design ensures that it's the winning choice for industrial environments.

Specifications

CPU Support
- Support Intel® 12/13/14th Gen Core™ i3/i5/i7/i9 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 500/850W 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
- Liunx

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