



## Main Features

- Support 12<sup>th</sup> /13<sup>th</sup> /14<sup>th</sup> 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
- Built-in power supply 850W

## 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, each equipped with an 850 W built-in power supply to support a wide range of PCIe x16 add-on graphics cards. These flexible power configurations enable seamless integration of GPUs up to 500 W, unlocking advanced AI capabilities such as predictive maintenance and machine learning applications. The system also features onboard M.2 slots for high-speed storage or communication modules, enhancing overall responsiveness and expandability. Housed in a lightweight yet durable chassis, the AIGE 1000 is designed to meet the demands of industrial environments while delivering powerful and reliable computing performance.

## Specifications

### CPU Support

- Support 14<sup>th</sup>/13<sup>th</sup>/12<sup>th</sup> Gen. Intel® 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.(system fan)

### Dimensions

- 426 (W) mm x 261 (D) mm x 179 (H) without wall-mount bracket

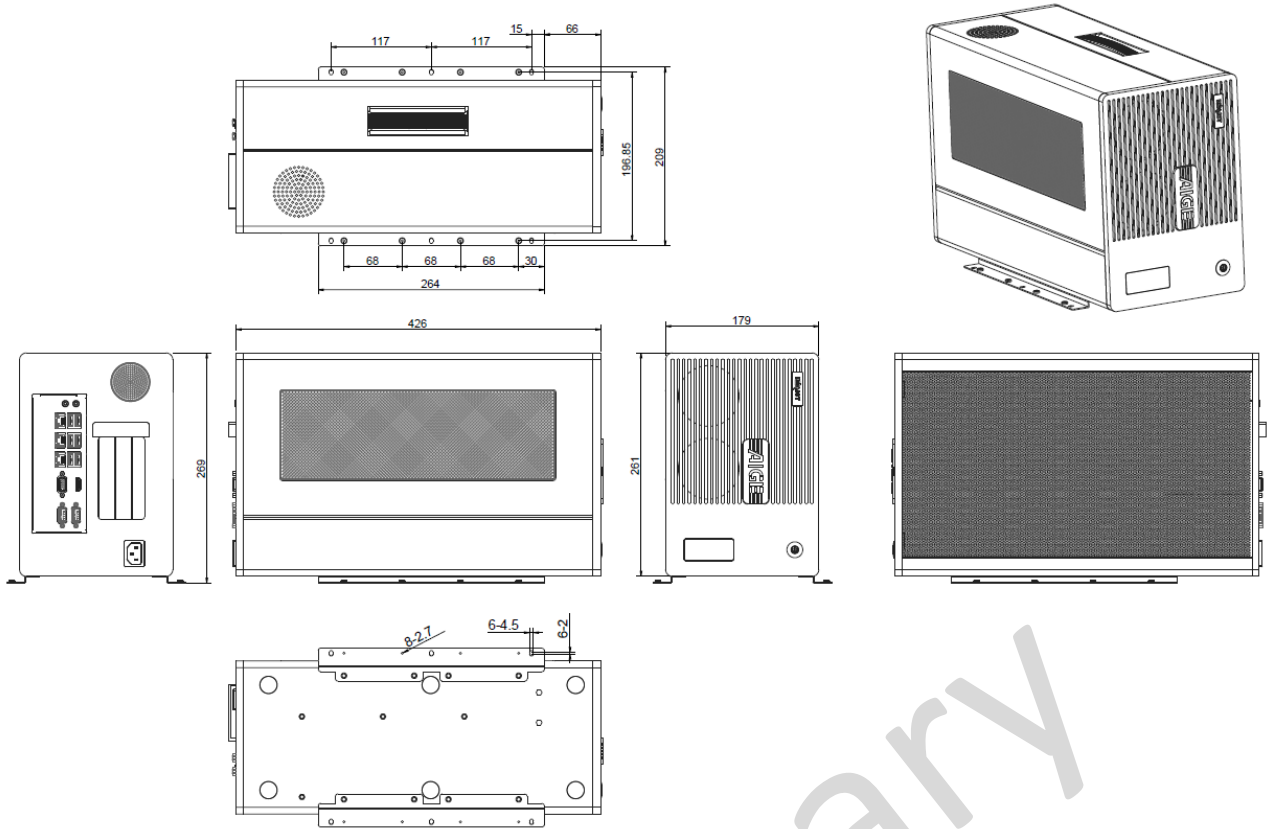
### Certification

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

### OS Support

- Windows 10
- Windows 11
- Linux

### Dimension Drawing



Preliminary