

AI Edge-A300

Graphics Card Supported Box PC
Powered by 8th Generation Intel® Core™ Processor



Main Features

- 8th Generation Intel® Core™ processor
- Cutting Edge Modern design
- Support socket type CPU up to 65W
- PCI-e slot supports Graphics Card up to 160W (RTX2060)

Product Overview

Powered by the 8th generation Intel® Core™ processor, the AIEdge-A300 GPU enhanced Box PC that can handle powerful multimedia content. In addition, it includes one expansion slot for graphics card that supports up to **Nvidia RTX 2060 GPU** which powers up to 240 Tensor Cores, not only does it offer stunning visuals for image projecting, it is also optimal for AI Machine/Deep learning. The AI Edge-A300 engages “calls to action” with virtual interactions in order to increase product interest and dwell time.

The AIEdge-A300, supporting HDMI display, LAN ports, USB 3.0 ports, and a RS232/RS422/RS485 (COM1) interface, is an ideal high-end Box PC to optimize Image Analytics, interactive projection, information visualization, convey brand messages, customer engagement, and smart retail management efficiencies to increase customer interaction and brand awareness. The sleek and modern design can also support usages in education, interactive walls/floors, virtual and augmented reality and more.

Specifications

CPU Support

- 8th Gen Intel® Core™ socket type processor up to 65W

Chipset

- Intel® PCH H310

Graphics

- Supports up to RTX 2060 (Graphics Card Optional)

Main Memory

- 2 x 260-pin SO-DIMM sockets, support DDR4-2400/2666 MHz Non ECC, un-buffered memory up to 32G (single socket max. 16GB)

I/O Interface

- 1 x Power button with LED
- 1 x HDD LED
- 2 x HDMI 2.0 (expandable by Graphics Card)
- 4 x USB 3.0
- 6 x internal USB 2.0 via pin header
- 2 x RJ45 with LEDs for Gigabit LAN
- 1x COM 1 port RS232/RS422/RS485 on the rear panel via cable
- 1x COM 2 port RS232 on the rear panel via cable
- 2 x Internal COM via pin header (COM3 / COM4 RS232)
- 1x Audio Line Out

Storage

- 1 x SATA 2.5" HDD/SSD

Power Supply

- 1 x 400W AC/DC power Supply

Environment

- Operating temperature: 0°C to 45°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

Certification

- CE (EMC EN55032 +EN55024)
- FCC Class A (EMI Part 15B)
- LVD

Dimensions

- 350mm (W) x 250mm (D) x 85mm (H)

Operating System Support

- Win10/Linux

Dimension Drawing

