AIR S300

Retail Analytics Engine

Main Features

- 7th Generation Intel® Core™ processor family
- Intel OpenVINO Tool Kit pre-installed
- Compact and slim design (H: 33mm)
- Watch Dog timer
- AI computing related applications
- Fanless design

Product Overview

NexCOBOT AIR S300 is a powerful mini server with Intel Core 7th Processors that works for AI computing related applications. AIR mini servers' compacted design is ideal for retail stores, shopping centers, and off-line stores. With the analysis software and a dedicated camera, AIR S300 is applicable in various fields, such as self-checkout systems, facial recognition monitoring systems, and customer behavior analysis. Business owners can utilize the AIR S300 to collect data for analysis, control customer's journey in the store, and optimize the business operation.

Specifications

CPU Support
- 7th Gen Intel® Core™ socket type Processor up to 35W

Chipset
- Intel® PCH Q170

Graphics
- Intel® HD Graphics 600 series

Main Memory
- 2 x 260-pin SO-DIMM Sockets, Supports DDR4 1866/2133 MHz Non ECC, Un-buffered Memory up to 32G (Single Socket Max. 16GB)

I/O Interface-Front
- 1 x Power Button with LED
- 1 x Power LED/HDD LED
- 2 x USB3.0
- 1 x HDMI 2.0, 1 x HDMI 1.4
- 1 x Display Port (B537-I only)
- 2 x RJ45 with LEDs for Gigabit LAN
- 2 x COM Port
- 1 x 4pin Mini-Din with Lock

Storage
- 1 x SATA 2.5" HDD/SSD

API
- Preload Intel OpenVINO tool kit
- Optional: AI Object Detection, Facial Detection

I/O Interface-Rear
- 2 x USB 3.0
- 3 x Antenna Hole
- 1 x MIC-in
- 1 x Line-out

Expansion
- 1 x mini-PCIe Slot (Full Size)
- 1 x NGFF (M.2) 2230 for Optional WLAN
- 1 x SIM Slot

Power Supply
- 1 x External 96W AC/DC Power Adapter
- Input: 100VAC to 240VAC
- Output: DC+12VDC

Environment
- Operating Temperature: -10°C to 45°C
- Storage Temperature: -20°C to 80°C
- Humidity: 10 to 90% (Non-condensing)
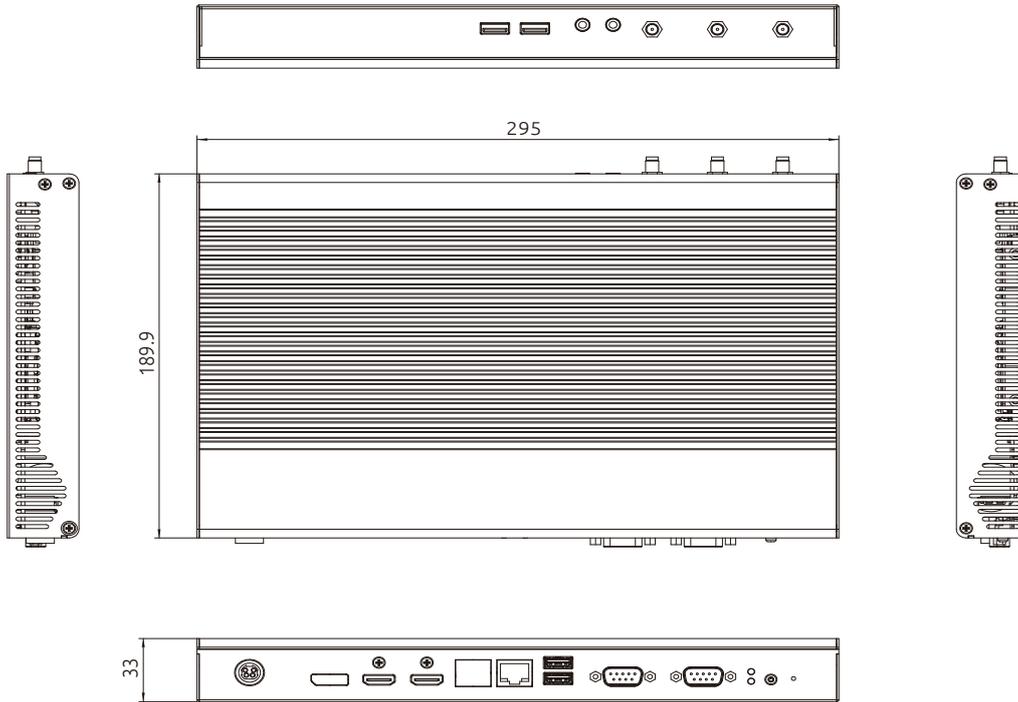
Certifications
- CE Approval
- FCC Class B

Dimensions
- 295mm (W) x 189.9mm (D) X 33mm (H)

Operating System Support
- Win10/Linux

AIR S300

nexCOBOT

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Dimension Drawing

295

189.9

33

Ordering Information

• **AIR S300 (P/N: TBD)**
  7th Generation Intel Core Processor, Slim and Fanless System