Item no.: RE-AIOT-AIVD01-A10-A

RE-AIOT-AIVD01-A10-AP40864 - AI IoT Video Analysis Gateway

from **754,48 EUR**

Item no.: RE-AIOT-AIVD01-A10-A
shipping weight: 1.10 kg
Manufacturer: UP Bridge the Gap

📄 Product Description

RE-AIOT-AIVD01-A10-AP40864 - AI IoT Video Analysis Gateway

The compact AIOT-AIVD from AAEON is the latest Edge Computing system, built for embedded AI applications. Built around the UP Squared board, it features the Intel(R) Pentium(TM) N4200 processor paired with 8 GB RAM and 64 GB eMMC, perfect for edge computing. The AIOT-AIVD powers AI with our innovative AI Core X with Intel(R) Movidius(TM) Myriad(TM) X VPU, with processing speeds of up to 105 fps (80 typical) or 1 TOPS as a dedicated neural network.

The AIOT-AIVD is designed to take Edge Computing where your project needs it. The AIOT-AIVD is designed with an improved active thermal solution, capable of operating in temperatures up to 60°C. Compatible with Intel(R) Distribution of OpenVINO toolkit, the compact and versatile AIOT-AIVD can power AI applications from Unmanned Stores to Smart Home Safety and Security.Features

- Intel(R) Apollo Lake Pentium(R) N4200 Processor
- Onboard 8G memory, 64G eMMC storage
- Intel(R) Myriad(TM) X module
- LAN/USB/HDMI/DP
- Support 2nd storage HDD up to 1 TB
- Optional Wi-Fi/Bluetooth

System

- CPU: Intel(R) Pentium(R) N4200 Processor
- Chipset: Intel(R) System on Chip
- Memory: Onboard 8 GB LPDDR4 memory
- Storage: 64 GB eMMC on board; 1x 500 GB HDD (optional)
- Display: 1x HDMI; 1x DP
- Ethernet: 2x Realtek(R) 8111G
- USB: 3x USB 3.0
- Expansion slot: 1x AI core X mini card module; 1x M.2 2230 E-Key
- Wi-Fi: 801.11ac (optional)
- Bluetooth: BT4.0 (optional)
- OS support: Windows(R) 10, Linux Ubuntu, OpenVino

I/O placements

- Front I/O: 2x RJ45 connector; 1x power button; 1x HDMI; 1x DP; 2x USB 3.0; 1x power input; 1x power button
- Rear I/O: 1x USB 3.0; 1x antenna connector (optional)
- Right side I/O: 1x antenna connector (optional)
- Left side I/O: 1x antenna connector (optional)
- Power requirement: 5 V DC in

Mechanical

- Dimension: 4.96 x 3.74 x 2.28 (126 x 95 x 58 mm)
- Mounting: VESA mount
- Gross weight: 2.4 lb (1.1 kg)
- Net weight: 1.5 lb (0.7 kg)

Environment

- Operating temperature: 32°F ~ 140°F (0°C ~ 60°C)
- Storage temperature: -4°F ~ 158°F (-20°C ~ 70°C)
- Storage humidity: 5~95% (at) 40°C, non-condensing
- Anti-vibration: 3 Grms/5 ~ 500 Hz/operation – eMMC; 1 Grms/5 ~ 500 Hz/operation – HDD
- Certification: CE, FCC Class A

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability