

AIOT-AIVD

AI IoT Video Analysis Gateway

IoT Gateway & Protocol Expansion

Front View



Rear View



Features

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

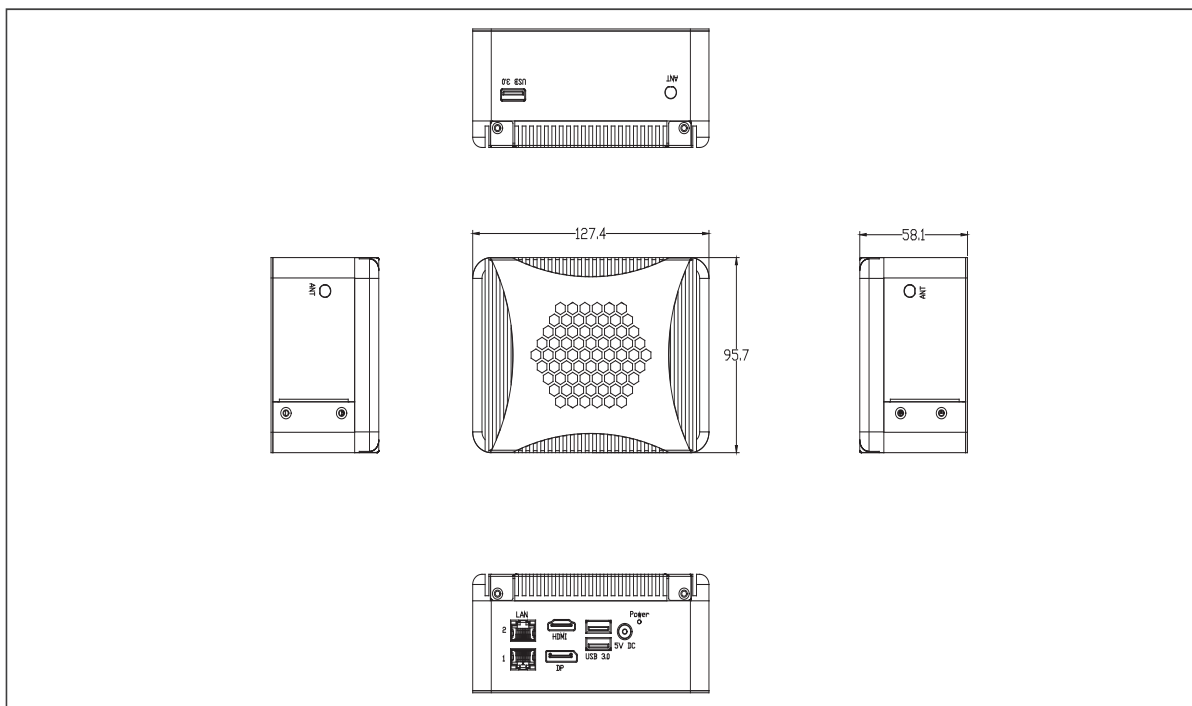


Specifications

System	
CPU	Intel® Pentium® N4200 Processor
Chipset	Intel® System on Chip
Memory	Onboard 8GB LPDDR4 memory
Storage	64GB eMMC on board 500GB HDD x 1 (Optional)
Display	HDMI x 1 DP x 1
Ethernet	Realtek® 8111G x 2
USB	USB 3.0 x 3
COM	—
Digital I/O	—
Expansion Slot	AI core X mini card module x 1 M.2 2230 E-Key x 1
Indicator	—
Wi-Fi	801.11ac (Optional)
Bluetooth	BT4.0 (Optional)
Lora	—
POE	—
OS Support	Windows® 10, Linux Ubuntu, OpenVino
I/O Placements	
Front I/O	RJ45 Connector x 2 Power button x 1 HDMI x 1 DP x 1 USB3.0 x 2 Power input x 1 Power button x 1
Rear I/O	USB 3.0 x 1 Antenna connector x 1 (Optional)
Right side I/O	Antenna connector x 1 (Optional)
Left side I/O	Antenna connector x 1 (Optional)
Power	
Power Requirement	5V DC in
Mechanical	
IP	—
Dimension	4.96" x 3.74" x 2.28" (126 mm x 95 mm x 58 mm)
Mounting	VESA Mount
Gross Weight	2.4lb (1.1 kg)
Net Weight	1.5lb (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% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation – eMMC 1 Grms/ 5 ~ 500Hz/ operation – HDD
Certification	CE, FCC Class A

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	Storage	LAN	USB	Display	WiFi/BT	LoRa	Mounting	PoE	Power	Operation Temp.
AIOT-AIVD01-A10-AP40864	Intel® Pentium® N4200 Processor	8GB	64GB	—	USB3.0 x 3	HDMI x 1 DP x 1	—	—	—	—	5V DC In	32°F ~ 140°F (0°C ~ 60°C)

Packing List

- AIOT-AIVD

Optional Accessories

- 1255300362
5V/6A Power Adapter
- 1702020910
Power cord for EU
- 1702020911
Power cord for US
- 1702020912
Power cord for Japan
- 1702020913
Power cord for China

Assured Systems

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