

AIB-NVAO

AI box pc NVIDIA AGX Orin 275 TOPS / 8 x GMSL2 / mini PCIE slot and M.2 2280 slot



Product Features

- Jetson AGX Orin 32GB Jetson AGX Orin 64GB
- 64GB eMMC 5.1
- CE, FCC Class B
- 32GM/64GB LPDDR5
- Operating Temp. -25°C ~ 70°C (-13°F ~ 158°F)

Specification

System Information

Processor Jetson AGX Orin 32GB / Jetson AGX Orin 64GB

System Memory 32GM/64GB LPDDR5

AI Performance

AI Performance 64GB:275 TOPS
32GB:200TOPS

Expansion

Expansion 1 x M.2 M Key (PCIe x 4, 2280)
1 x mPCIE (for 4G or WIFI expansion)
1 x Nano SIM Slot

Storage

Storage 64GB eMMC 5.1

Software Support

OS Linux

Certification	
Certification Information	CE, FCC Class B
External I/O connector	
USB	2 x USB3.0 (typeA)
COM	5 x CAN FD 8 x GPIO (4x In, 4xOut) 3 x RS232 2 x RS485/422 1 x Debug (RS232) 3 x SYNC I/O (SYNC_IN/SYNC_OUT/SYNC_PPS)
Network	4 x 10/100/1000 RJ45 Powered LAN
Display	1 x HDMI 2.0 (typeA)
Function key	1× Power KEY, 1× Reset KEY, 1× Recovery KEY
User Expansion	1 x mPCIE (for 4G or WIFI expansion) 1 × M.2 M Key (PCIe x 4, 2280) 1 x Nano SIM slot
Camera	2 x GMSL2 (4 in 1 mini PAKRA type, IOV, transmission distance up to 15 meters, GMSL2 compatible with GMSL1)
Mechanical & Environmental	
Operating Temp.	-25°C ~ 70°C (-13°F ~ 158°F)
Storage Temp.	-40°C ~ 80°C (-40°F ~ 176°F)
Dimension (W x L x H)	276 ×214 ×71 mm (I/O ports and mounting holes included)
Power Requirement	DC 9V~36V
Ordering Information	
Ordering Information	TBD