

AGX Orin-01

Nvidia Jetson AGX ORIN, 56 Tensor Core's 1792 core Nvidia Ampere GPU



Features

- AI GPU Computing
- AI Performance: 200 TOPS
- CPU: 8-Core ARM Cortex A78AE v8.2 64bits
- GPU: 56 Tensor Core's 1792 core Nvidia Ampere GPU
- Memory: 32GB 256bits LPDDR5 204.8GB/s
- I/O: 1xHDMI2.0, 2xUSB3.0, 1xRS485, 1xRS232, 5x LAN M12 8pin connectors.

Specification

Standard Color	Grey
Construction	Aluminum with Heavy-Duty Steel
CPU	8-Core ARM Cortex A78AE v8.2 64bits
System Memory	32GB 256bits LPDDR5 204.8GB/s
Chipset	ARM Cortex A78AE v8.2 64bits
OS Support	Linux
System I/O Outlet	1xHDMI2.0 , 2xUSB3.0 5x LAN (M12 8pin connectors) 1xRS485, 1xRS232
Storage	32GB eMMC 5.1
Watchdog Timer	N/A
Expansion Interface	N/A
Communication (Option)	Wireless: WiFi, BLE (Optional)
Power	
Operating Temperature	0~60C
Storage Temperature	-20~70C
Humidity	5 ~ 95%, Non-condensing
Dimensions	Please refer to Drawing
Weight	TBD

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