

AI Inference Device

Jetson Serials CDH864i/CDH864/CDH832



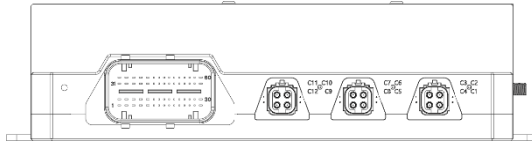
Features

- Jetson AGX Orin Industrial/64GB
- TSN protocol supported
- 12 GSML
- 7 CAN BUS
- 10 Ethernet
- 9-36V DC
- Operating Temperature -40°C -65°C

Specifications

P.N.	CDP-864i	CDP-864	CDP-832
Module	AGX Orin Industrial	AGX Orin 64GB	AGX Orin 32GB
AI Performance	248 TOPS	275 TOPS	200 TOPS
GPU	2048-core NVIDIA Ampere GPU with 64 Tensor		1792-core NVIDIA Ampere GPU with 56 Tensor Cores
CPU	12-core Arm® Cortex® -A78AE v8.2 64-bit CPU		8-core Arm® Cortex® -A78AE v8.2 64-bit CPU 2MB
Memory	64GB 256-bit LPDDR5	64GB 256-bit LPDDR5	64GB 256-bit LPDDR5 204.8 GB/s
Storage	64GB eMMC 5.1		32GB eMMC 5.1
Display	1 x HDMI 2.0		
Camera	12 x GMSL/GMSL2		
Audio	1 x Line Input ,1 x Line Out		
USB	2 x USB 3.2 Type A, 1 x USB2.0 OTG		
CAN	7 x CAN, CAN0-CAN2(Orin), CAN3-CAN6(MCU)		
LIN	1 x LIN(MCU)		
RS232/RS485/RS422	1 x RS422/RS485, 1 x RS232, 1 x RS232 for Debug		
PPS	1 x PPS In, 5 x PPS Out		
GPRMC	1 x GPRMC In, 5 GPRMC Out RS232 Level		
Ethernet	5 x 100/1000M Base-TX PTP ETH0-ETH4, 4 x 100M-T1 ETH5-ETH8,		
Misc. Function	1 x Recovery button, 1 x Reset button, 3 Direction LEDs		
Operating Temperature	-25°C ~80°C	-25°C ~60°C	
Operating Humidity	5%-95%		
Vibration	3G 0 – 1000Hz Random		
Waterproofing	IP65		
Power Input	Wide Input Voltage Range 9 to 36 VDC		
Power Consumption			
Dimension	237mm(L) x 190mm(W) x 65 mm(H)		
Mounting			
Software	Ubuntu		
Certification			

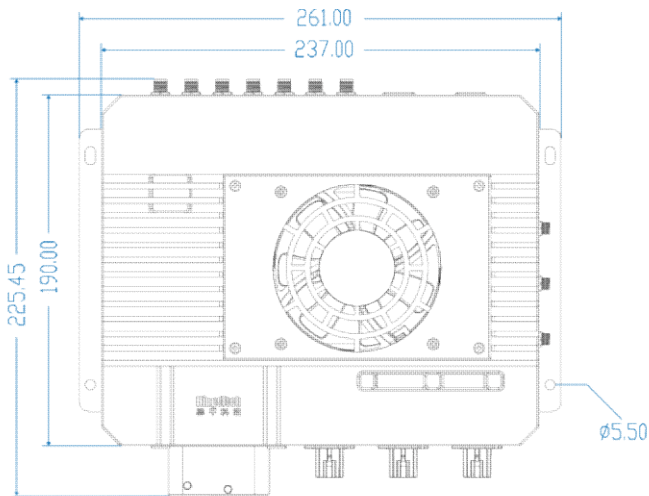
Dimensions



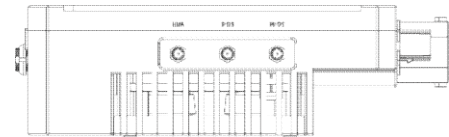
Front View



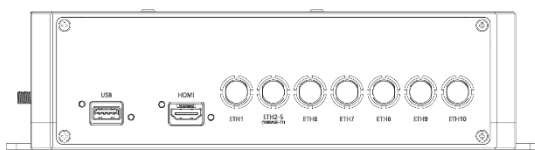
Left View



Top View



Right View



Back View

Ordering Information

P.N	Description
CDP-864i	AGX Orin Industrial, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus, 1 x LIN, 9 – 36 VDC, -25°C~80°C
CDP-864	AGX Orin 64GB, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus, 1 x LIN, 9 – 36 VDC, -25°C~65°C
CDP-832	AGX Orin 32GB, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus, 1 x LIN, 9 – 36 VDC, -25°C~65°C

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