Domain Controller

Jetson Series
CDH864i/CDH864/CDH832



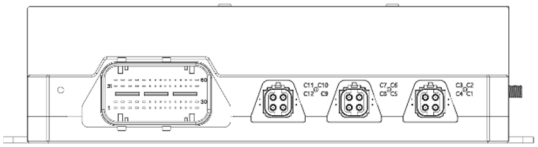
Specifications

- Jetson AGX Orin Industrial/64GB/32GB
- TSN Protocol Support
- Camera Input: 12 x GMSL
- CAN Bus: 7 channels
- Ethernet: 10 channels
- Power: DC 9-36 V
- Operating Temperature: -40°C to 80°C

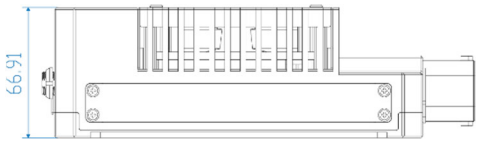
Specifications

Model	CDH-864i	CDH-864	CDH-832
Core 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	32GB 256-bit LPDDR5 204.8 GB/s
Storage	64GB eMMC 5.1		64GB 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 3.1 Type A, 1 x USB 2.0 OTG		
CAN Bus	7 x CAN, CAN0-CAN2(Orin), CAN3-CAN6(MCU)		
LIN Bus	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,TTL		
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 1 x 10G Base-TX ETH9		
Other Features	1 x Recovery button, 1 x Reset button, 3 Direction LEDs		
Operating Temperature	-40℃ - 80℃	-25℃ - 60℃	
Operating Humidity	5%-95%		
Vibration	3G 0 – 1000Hz Random		
Ingress Protection	IP65		
Power Input	Wide Input Voltage Range 9 to 36 VDC		
Power Consumption	60 W		
Dimensions	261mm(L) x 225.45mm(W) x 66.91mm(H)		
Mounting			
Operating System	Ubuntu		
Certifications			

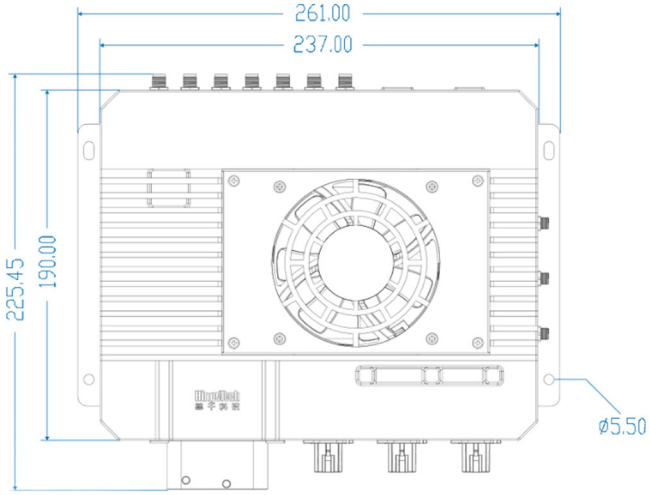
Mechanical Dimensions



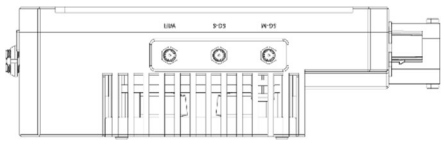
Front View



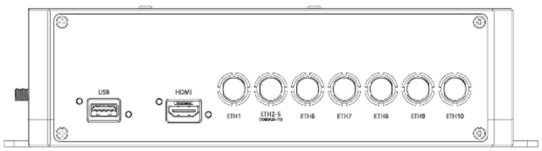
Left View



Top View



Right View



Rear View

Ordering Information

Model	Product Description
CDH-864i	AGX Orin Industrial, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus,1 x LIN, DC 9 – 36 V, -40℃-80℃
CDH-864	AGX Orin 64GB, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus,1 x LIN, DC 9 – 36 V, -25℃-65℃
CDH-832	AGX Orin 32GB, 1 x HDMI, 12 x GMSL/GMSL2, 9 x LAN, 7 x Can Bus,1 x LIN, DC 9 – 36 V, -25℃-65℃

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