

ARES-240AI

基于 NVIDIA® Jetson AGX Orin™ 的紧凑型无风扇边缘盒子, PoE/PSE 802.3af x 4



产品特点

- NVIDIA® Jetson AGX Orin™
- PoE/PSE 802.3af x 4 (Max. 60W)
- RS-232/422/485 x 1, CANBus x 1
- 40-pin Header, Mic-in/Line-out
- M.2 2230 E-Key, M.2 2280 M-Key, 2.5" SATA Drive Bay



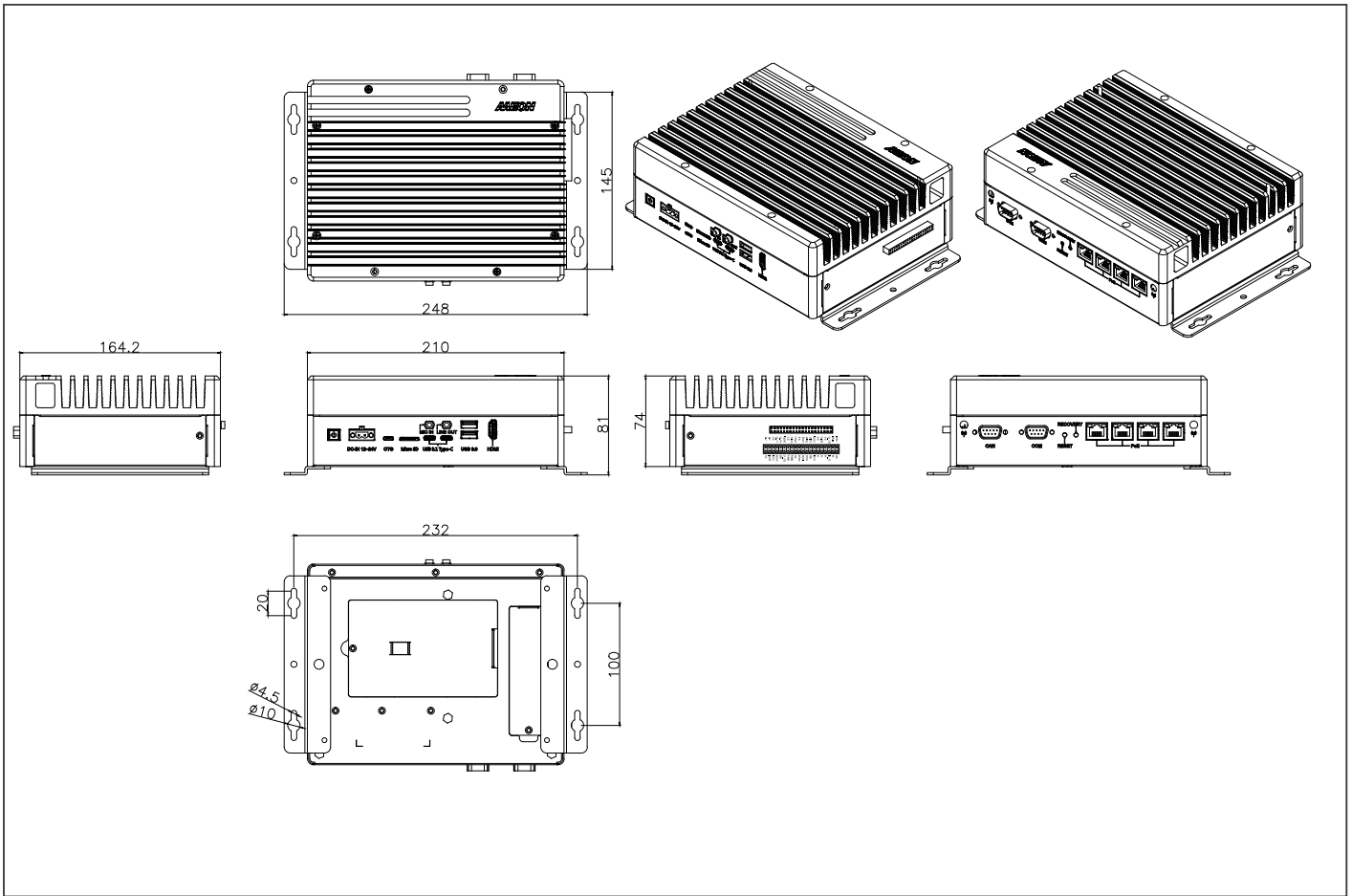
规格书

系统	
AI模块	NVIDIA® Jetson AGX Orin™ (32GB/64GB可选)
CPU	8-core ARM v8.2 64bit CPU, 2MB L2 + 4MB L3
系统内存	32G/64G可选 256-Bit LPDDR5 205GB/s
存储设备	64GB eMMC 5.1 Micro SD Card Slot x 1 2.5" SATA Drive Bay x 1 M.2 2280 M-Key x 1
显示界面	HDMI 2.0 x 1
网络	RJ-45 for GbE PoE/PSE 802.3af x 4 (Max. 60W)
I/O	USB 3.2 Gen 2 (Type-A) x 2 USB 3.2 Gen 2 (Type-C) x 2 RS-232/422/485 x 1 CANBus x 1 Mic-in x 1 Line-out x 1 MicroSD Slot x 1 Micro USB x 1 for OS Flash Recovery Button x 1 Power Button x 1 40-pin Header compliant with NVIDIA Jetson Orin Nano Developer Kit (without CANBus)
拓展	USB 2.0 Header x 1 (Optional, Circuit Reserved) M.2 2230 E-Key x 1 (Wifi/BT) M.2 2280 M-Key x 1 (NVMe) 2.5" SATA Drive Bay x 1 RS-232/422/485 Pin Header x 1

系统	
指示器	Power LED x 1
OS系统	Linux (NVIDIA Jetpack™ 5.0 or above)
其他	
安装	壁挂式
外形尺寸 (宽x深x高)	8.26" x 6.46" x 2.91" (210mm x 164.2mm x 74mm)
总重量	8.3 lb. (3.76Kg)
净重	6.4 lb. (2.9Kg)
环境与认证	
工作温度	-20°C~50°C (-4°F~122°F, 符合IEC60068-2标准, 速度为0.5 m/s)
储存温度	-40°C ~ 70°C (-40°F ~ 158°F)
存储湿度	95% @ 40°C, non-condensing
抗振动	随机, 3.5平均值, 5~500Hz
抗冲击	50G峰值加速度
电源	
电源	DC 12V ~ 24V 2-pin terminal

基于 NVIDIA® Jetson AGX Orin™ 的紧凑型无风扇边缘盒子, PoE/PSE 802.3af x 4

尺寸图 (单位: mm)



订购信息

P/N	描述	备注
RC-S-ARES-240-CSC00	"Support Nvidia Jetson AGX Orin,64GB eMMC,2LAN 3USB.1HDMI IN.DC12V JP5.1.1 不含模块"	
9686Y00246	System-on-Module.NVIDIA.JetsonAGX Orin 32GB	
9686Y00274	System-on-Module.NVIDIA.JetsonAGX Orin 64GB	

选购信息

P/N	描述	备注
125590120D	Adapter.120W.ACInput:115~230V,60/50Hz..DCOutput:12V/10A	
170203180R	Power Cord.3Pin.250V/10A.180cm.	