



司騰達股份有限公司
BHP Industry Solution

PROFINET

EtherCAT

EtherNet/IP

CC-Link

Modbus

PROFIBUS

CANopen

HMS Connecting Devices

VPN

Now with ...
CPC UA

X-Gateway

DeviceNet

WiFi



司騰達股份有限公司

HMS 台灣總代理 — Remote Access 跨國遠端連線與自動化工業的最佳選擇

司騰達公司致力於推廣數位化工廠和IIoT工業物聯網的解決方案，並與歐洲最先進的公司—HMS集團合作，同時透過引進更多歐美的技術能量，提供客戶關於工業4.0的顧問諮詢服務，並將教育與產業連結，協助台灣產業逐步完成從現場設備、生產資訊、通訊IoT的垂直整合，並整合M2M工業總線與軟體開發，從而實現數位化工廠與自動化機械領域的創新。

LINE



官網



司騰達聯絡訊息

臺北客服專線：(02)-2242-1625

台中客服專線：(04)-2451-0611

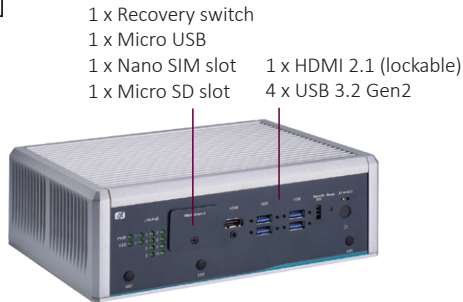
客服信箱：sales@bhp.com.tw

Line ID：@bhp.tw

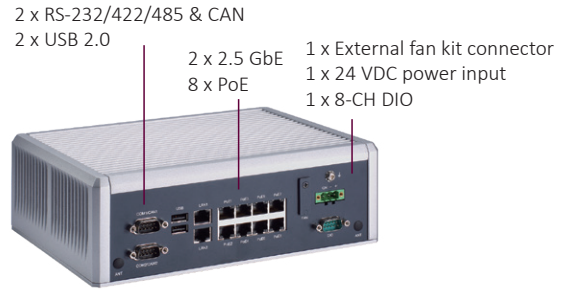
www.bhp.com.tw

AIE900A-A0 NEW

Fanless Edge AI System with NVIDIA® Jetson AGX Orin™, 1 HDMI, 2 2.5GbE, 8 PoE, 6 USB, 8-CH DI/DO, and 2 COM/CAN for 5G and Robotics Applications



▲ Front view



▲ Rear view



Fan kit (optional)



IP40



Fanless



LPDDR5



4K Ultra HD



24 VDC



Jetson AGX Orin



Smart Ignition



Allxon DMS

Features

- NVIDIA® Jetson AGX Orin™ (up to 275 TOPS)
- Seamless connectivity with 5G, Wi-Fi 6E, and 2.5 GbE combined
- 9 to 36VDC with Ignition (E-Mark compliance)
- Supports 8 PoE and GMSL for camera and LiDAR connectivity
- -25°C to +60°C operating temperature range
- Supports device management and optional OTA deployment, powered by Allxon

NVIDIA® Jetson AGX Orin™ will be available until 2032*
The official end of life notice will be sent at least 8 months before the last shipment.

Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
AI Accelerator	NVIDIA® Jetson AGX Orin™ 32GB (200 TOPS) *By project: NVIDIA® Jetson AGX Orin™ 64GB (275 TOPS)
CPU	8-core NVIDIA Arm® Cortex A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
GPU	1792-core NVIDIA Ampere™ GPU with 56 Tensor Cores
System Memory	32GB 256-bit LPDDR5 204.8GB/s
Carrier Board	PSB906

Specifications

System I/O Outle	1 x Lockable HDMI 2.0 with 4K2K supported 2 x 10/100/1000/2500 Mbps Ethernet (Intel® I226) 8 x 10/100/1000 Mbps PoE (up to 60W) (via LAN switch, 1 Gbps switching capacity) 2 x DB9 for CAN & RS-232/422/485 4 x USB 3.2 Gen2 2 x USB 2.0 1 x 8-CH DI/DO 1 x Remote switch 1 x Reset button 1 x Power button 1 x AT/ATX switch 1 x Micro USB & 1 x recovery switch (for image update) 1 x 24 VDC power input connector 5 x SMA-type antenna opening
Watchdog Timer	Built-in AGX Orin
Storage	64GB eMMC onboard (via Jetson AGX Orin™) 1 x M.2 Key M 2280 with PCIe x4 NVMe SSD slot 1 x Micro SD slot *The bootable device is supported by eMMC only
Expansion Interface	8-channel GMSL/FPD-LINK/V-by-One automotive camera interfaces (optional) 1 x Full-size PCI Express Mini Card slot (USB + PCIe) 1 x M.2 Key E 2230 slot for Wi-Fi 6 (E) 1 x M.2 Key B 3052/3042 slot for 5G/LTE 1 x Nano SIM slot
System Indicator	1 x Green LED for system power-on 1 x Green LED for M.2 storage 2 x Green LED for LAN status 8 x Green LED for PoE status
Power Supply	Input: 9 to 36 VDC (typical 12/24 VDC) with ignition power control
Operating Temperature	-25°C to +60°C (-13°F to +140°F)
Humidity	10% to 95%, non-condensing
Vibration	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)
Shock	IEC 60068-2-27 (with SSD: 50G, half-sine, 11 ms duration)
Dimensions (W x D x H)	239 x 185.3 x 79.4 mm (9.41" x 7.3" x 3.13")
Weight (net/gross)	3.2 kg (7.05 lb)/4.9 kg (10.8 lb)
Certifications	CE, FCC Class A, and UKCA
OS Support	Linux Ubuntu 20.04 or later

Ordering Information

Standard

AIE900A-AO32G2L8P -BHP	Fanless edge AI system with NVIDIA® Jetson AGX Orin™ 32GB, 1 HDMI, 2 2.5GbE, 8 PoE, 6 USB, 8-CH DI/DO, and 2 COM/CAN
---------------------------	--

Optional

E29R150110	Wall mount kit
E29R150112	DIN-rail kit
E29R150111	VESA mount kit
E29R150109	External fan kit
M.2 NVMe SSD 128GB or above	
Power cord	
5G module kit	
LTE module kit	
Wi-Fi module kit	
50906A24000E	24V/230W adapter

* Specifications and certifications may vary based on different requirements.

Packing List

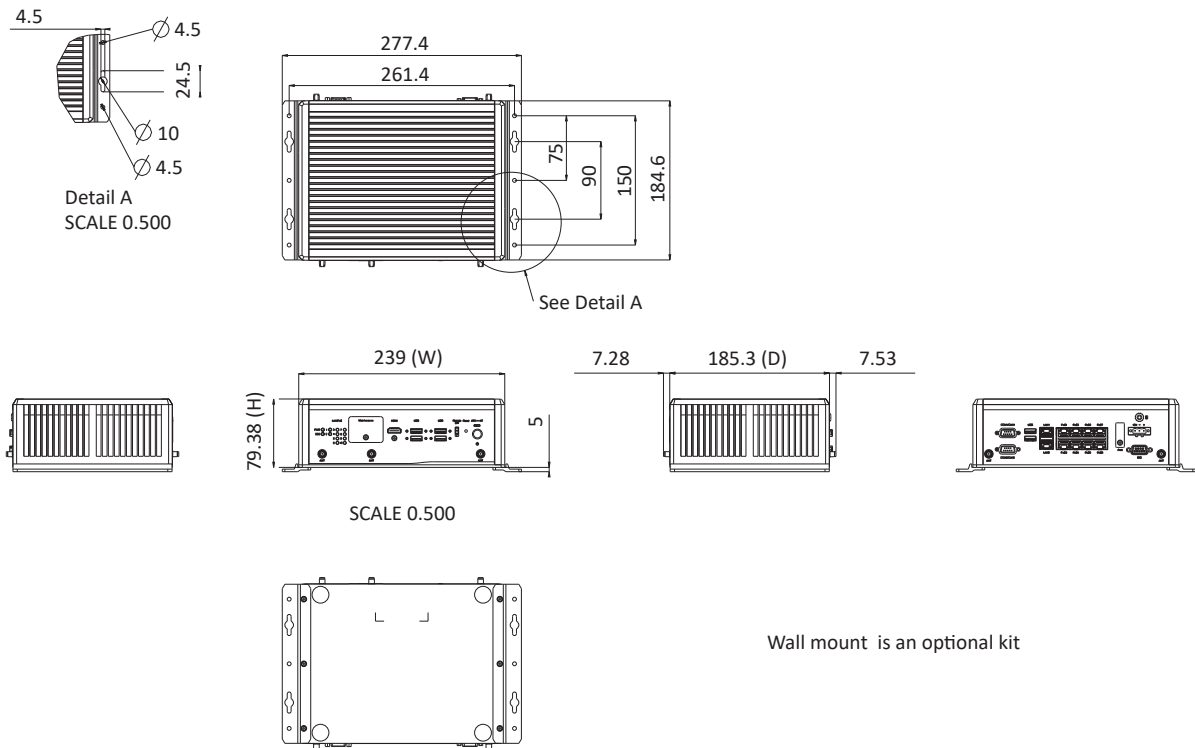
- 1 x Terminal block connector
- 1 x Screw pack
- 4 x Foot pad
- 1 x M.2 SSD thermal kit
- 1 x 5G module thermal kit

Power Protection

DC Adapter

- OVP (over voltage protection)
- OCP (over current protection)
- UVP (under voltage protection)
- Reserve protection

Dimensions



司騰達股份有限公司

自動化工業與跨國遠端連線的最佳選擇

Ewon Flexy205

VPN+IOT 物聯網模組

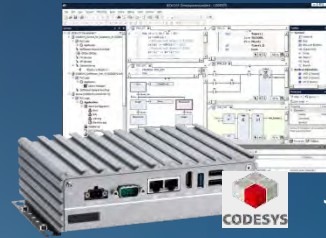
Ewon Cosy
VPN 遠端連線



Anybus X-Gateway



CODESYS SoftPLC



Jmobile HMI/SCADA IPC



工業 4.0 數位工廠與 工業物聯網解決方案

i4-SCADA IPC



WAGO750 Remote IO
EtherCAT / PROFINET



SIEMENS ET 200SP
PROFINET Remote IO



MR JET 系列
EtherCAT 伺服馬達



eSMART Web HMI
Esmart04/07/10

司騰達股份有限公司

台北營業所：235602 新北市中和區中山路 2 段 299 號 5 樓之 1

Tel : (02)-2242-1625 Fax : (02)-2242-1605

台中營業所：40760 台中市西屯區廣福路 186 號

Tel : (04)-2451-0611 Fax : (04)-2451-0612

E-mail : sales@bhp.com.tw

Line ID : @bhp.tw



司騰達股份有限公司
BHP Industry Solution

LINE



官網



了解更多產品詳細資訊請上官網查詢
www.bhp.com.tw