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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

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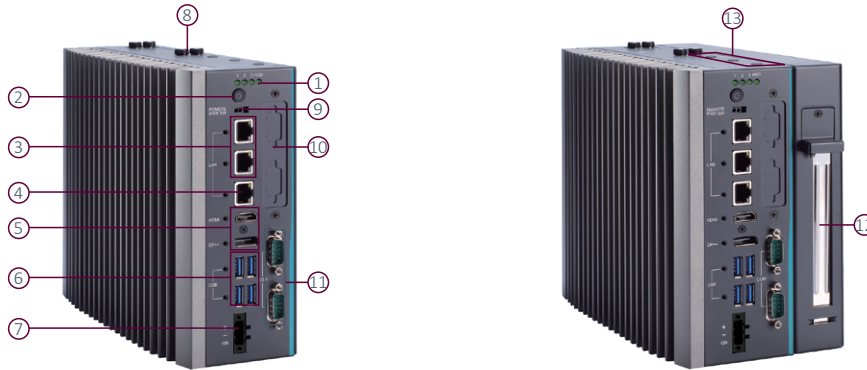
Line ID：@bhp.tw

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IPC920

NEW

Fanless Industrial System with Intel® Core™ Processors Series 2 & 14th/13th/12th Gen Core™ i Processor, socket LGA-1700 supported, Intel® H610E/R680E, and Front-access I/O



- | | | |
|--|--------------------------------------|-------------------------|
| 1. 1 x HDD/SSD access LED & 3 x user's LED | 6. 4 x USB 3.2 | 11. 2 x RS-232/422/485 |
| 2. Power on/off button with LED | 7. 3-pin terminal block for DC input | 12. 1 x PCIe x16 slot |
| 3. 2 x 2.5GbE LAN (Intel® I226-V) | 8. 2 x HDD/SSD tray | 13. 3 x antenna opening |
| 4. 1 x GbE LAN (Intel® I219-LM) | 9. 1 x remote power switch | |
| 5. 1 x HDMI, 1 x DisplayPort++ | 10. Flexible I/O window | |



Features

- Intelligent power management: ignition and USB power on/off control
- Supports Intel® RAID (R680E)
- Easy expansion via flexible I/O window
- Supports connectors with pull-resistance design
- Optional DIN-rail, bookshelf and wall mount kit
- EN 61000-6-2 certified

Specifications

| | | |
|------------------|---|---|
| Standard Color | Silver & black | |
| Construction | Aluminum extrusion heavy-duty cold-rolled steel | |
| Processor System | CPU Level | Intel® Core™ Processors Series 2 & 14th/13th/12th Gen Core™ i Processor, up to 65W* |
| | Chipset | Intel® H610E/R680E |
| System Memory | 2 x 262-pin DDR5 4800 ECC/non-ECC SO-DIMM, up to 96GB** | |
| System I/O | Ethernet | 2 x RJ-45 2.5GbE LAN (Intel® I226-V) |
| | | 1 x RJ-45 GbE LAN (Intel® I219-LM); with Intel® AMT (R680E) |
| | Serial | 2 x RS-232 (4-wire)/422/485 (default RS-232), DB9 (by BIOS selection) |
| | USB | Intel® H610E: 2 x USB 3.2 Gen 2 (10G) Type-A 2 x USB 3.2 Gen 1 (5G) Type-A 1 x USB 2.0 180D Type-A (internal, up to 30 mm) Intel® R680E: 4 x USB 3.2 Gen 2 (10G) Type-A 1 x USB 2.0 180D Type-A (internal, up to 30 mm) |
| Display | 1 x DisplayPort++ 1.2 with support for 4096 x 2160 resolution | |
| | 1 x HDMI 1.4b with support for 4096 x 2160 resolution | |
| TPM | dTPM2.0 | |

Specifications

| | |
|----------------------------------|---|
| Expansion Interface | 1 x full-size PCI Express Mini Card socket (USB & PCIe interface) with SIM slot 1 x M.2 Key E 2230 socket 1 x PCIe x16 Gen 3 slot (up to 150W power for add-in card) |
| Storage | 2 x 2.5" HDD/SSD bay (7/9.5 mm height) supporting RAID 0, 1 (R680E) 1 x M.2 Key M 2280 socket (PCIe x4) |
| System Indicators | 1 x HDD/SSD access LED 3 x user's LED |
| Power Input and Ignition Control | Input: 18 to 36 VDC 1 x 3-pin terminal block for DC input, ignition control, and AT/ATX mode by BIOS setting 1 x power on/off button with LED (default ATX) 1 x remote power switch |
| Operating Temperature | -20°C to +60°C with 14th/13th/12th Gen Intel® Core™ processor and industrial wide temperature SSD, 0.7m/s airflow*** |
| Storage Temperature | -20°C to +80°C |
| Vibration | IEC 60068-2-64 (with SSD: 3Grms, random, 5 to 500 Hz, IPC920-H-F1, IPC920-R-F1) IEC 60068-2-64 (with SSD: 1Grms, random, 5 to 500 Hz, IPC920-R-F1E) MIL-STD-810H, Method 514.8, and Category 20 (IPC920-H-F1, IPC920-R-F1, IPC920-R-F1) |
| Shock | IEC 60068-2-27 (with SSD: 50G, half sine, and 11ms duration) MIL-STD-810H, Method 516.8, and Procedure I |
| IP rating | IPC920-H-F1, IPC920-R-F1: IP40 with connector cables installed |
| Relative Humidity | 10% to 90% relative humidity, non-condensing |
| Dimensions (W x D x H) | IPC920-H-F1, IPC920-R-F1: 83.5 x 192 x 230 mm (3.29" x 7.56" x 9.06") IPC920-R-F1E: 118.5 x 192 x 230 mm (4.67" x 7.56" x 9.06") |
| Weight (net/gross) | IPC920-H-F1, IPC920-R-F1: 3.2 kg (7.06 lb)/4.9 kg (10.80 lb) IPC920-R-F1E: 3.7 kg (8.16 lb)/5.4 kg (11.91 lb) |
| Certifications | CE (EN 61000-6-4/EN 61000-6-2), FCC |
| OS Support | Win 10, Win 11, Win 10 IoT, Win 11 IoT, and Linux OS |

*Please refer to the user manual for the supported CPU list.

**Intel® Core™ Series 2 processors (Bartlett Lake-S) and the 14th Gen processors support a maximum single SO-DIMM capacity of 48GB.

***CPU power settings can be adjusted in the BIOS to optimize performance and operating temperature.

Ordering Information

System

| | |
|-----------------------------------|---|
| IPC920-H-F1 (P/N: E26G920100) | Industrial fanless system with Intel® H610E, without Axiomtek logo |
| IPC920-R-F1 (P/N: E26G920101) | Industrial fanless system with Intel® R680E, without Axiomtek logo |
| IPC920-R-F1E (P/N: E26G920103) | Industrial fanless system with Intel® R680E, and 1 PCIe x16 slot, without Axiomtek logo |
| IPC920-H-F1E | Industrial fanless system with Intel® H610E, and 1 PCIe x16 slot, without Axiomtek logo (project-based support) |

Optional Accessory

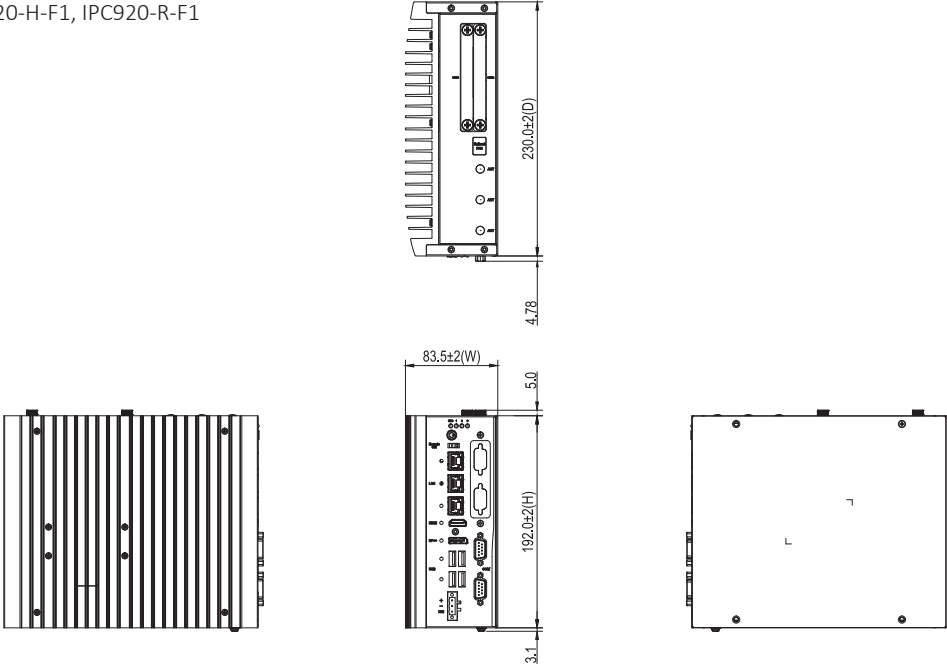
| | |
|--------------------------|---|
| 2.5" SATA HDD/SSD | |
| M.2 Key M 2280 NVMe SSD | |
| DDR5 ECC/non-ECC SO-DIMM | |
| 50906A24000E | AC to DC adapter 24V 230W Wire type |
| 509000001500 | AC to DC adapter 24V 120W Wire type |
| E29R127119 | DIN-rail mounting kit |
| E29R127126 | Wall mount kit |
| | Bookshelf mounting kit (project-based support) |
| | Front I/O cable-lock kit (project-base support) |

Optional Flexible I/O Modules

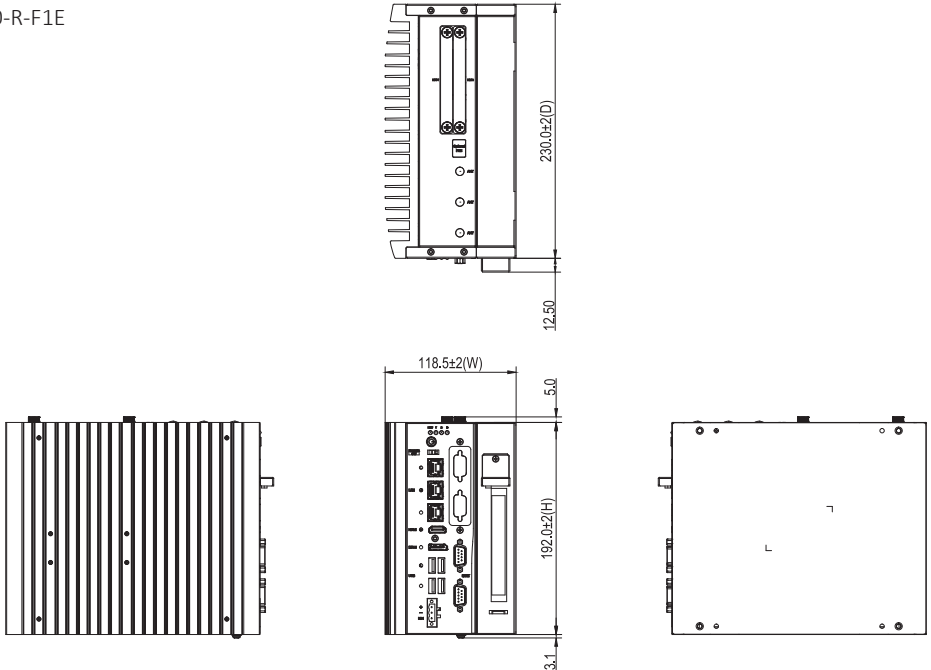
| | |
|--------------|---|
| E39Q108100 | 2 x CAN bus PCIe Mini Card module (CAN 2.0 A/B) with cable |
| E392902107 | 1 x GbE LAN (Intel® I210-IT) PCIe Mini Card module with bracket kit |
| 590000068400 | 8-bit programmable DIO wire cable |
| 591000003100 | 2 x RS-232 (4-wire)/422/485 wire cable |

Dimensions

IPC920-H-F1, IPC920-R-F1



IPC920-R-F1E



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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

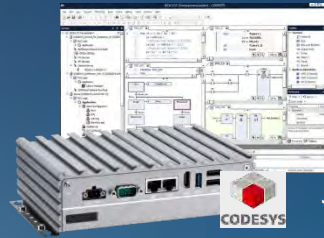
Ewon Cosy
VPN 遠端連線



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

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