



司騰達股份有限公司
BHP Industry Solution



EtherCAT

EtherNet/IP

CC-Link



CANopen



DeviceNet



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。



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

IPPC 2140P-JM

21.5" Full HD 16:9 Heavy Industrial Panel PC
with Intel® Celeron® quad core processor J1900, up to 2.42GHz,
Multi-Touch Screen, 8GB DDR3L, 3 x USB, 2 x COM



Main Features

- ◆ Intel® Celeron® quad core processor J1900, up to 2.42GHz, 2M L2 Cache
- ◆ Metal housing with robust aluminum front zero bezel for harsh environment
- ◆ 10 points P-Cap multi-touch with zero bezel flush front design
- ◆ Dual GbE/2nd display-VGA/Line-out
- ◆ 3 x USB, 2 x mini-PCIe sockets, 1 x CFast, 2 x RS232/422/485
- ◆ DDR3L 8GB/2.5" HDD bracket
- ◆ IP66 compliant front panel
- ◆ Mounting support: panel/wall/stand/VESA 100mm x 100mm
- ◆ Wide range power input 12~30VDC

Product Overview

The 21.5" fanless panel PC IPPC 2140P incorporating an industrial motherboard is intended for versatile industrial applications. The panel PC has a touch screen LED backlight LCD panel with 1920 x 1080 (Full HD) resolution. The front panel which adopts flush design and complies with IP66 standard makes it the perfect fit in industrial applications.

The IPPC 2140P supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two mini-PCIe slots and one SIM card holder. With support for wide power input of 12~30VDC, IPPC2140P can gain a strong foothold in industrial field and machine devices. In addition, IPPC 2140P can hook 2nd display via a VGA port for dual independent display. IPPC 2140P has two isolated RS232/422/485 ports.

Specifications

Panel

- ◆ LCD size: 21.5", 16:9
- ◆ Resolution: Full HD 1920x1080
- ◆ Luminance: 300cd/m2
- ◆ Contrast ratio: 5000
- ◆ LCD color: 16.7M
- ◆ Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)
- ◆ Backlight: LED

Touch

- ◆ Ten points P-Cap (Projected Capacitive Touch)
- ◆ Touch light transmission: 87%
- ◆ Anti-scratch surface: 7H hardness
- ◆ Touch interface: USB

System

- ◆ CPU: onboard Intel® Celeron® Quad Core processor J1900, 2.0GHz, 2M L2 Cache (maximum frequency 2.42GHz if turbo boost enabled)
- ◆ BIOS: AMI BIOS
- ◆ System memory: 2 x 204-pin DDR3L SO-DIMM socket, 4GB DDR3L (default), support up to 8GB DDR3L-1066/1333, non-ECC and un-buffered

Storage device:

- 1 x external locked CFast socket
- 1 x hard drive bay: optional 1 x 2.5" SATA HDD or 1 x SATA DOM

- ◆ Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C)

- ◆ H/W status monitor: monitoring system temperature, and voltage
- ◆ Expansion: 2 x mini-PCIe sockets (support optional Wi-Fi, 3.5G module)
- ◆ Front LED Indicator to show operating status

Rear I/O

- ◆ Ethernet: 2 x RJ45
- ◆ 2nd display VGA port: 1 x DB15
- ◆ Audio port: 1 x Line out
- ◆ USB: 2 x USB 2.0, 1 x USB 3.0
- ◆ 2-pin remote power on/ off switch
- ◆ Power switch
- ◆ Reset button
- ◆ COM #1: RS232/422/485 w/ 2.5kv isolated
- ◆ COM #2: RS232/422/485 w/ 2.5kv isolated

Audio

- ◆ HD codec: Realtek ALC886-GR
- ◆ Audio interface: Line-out audio jack

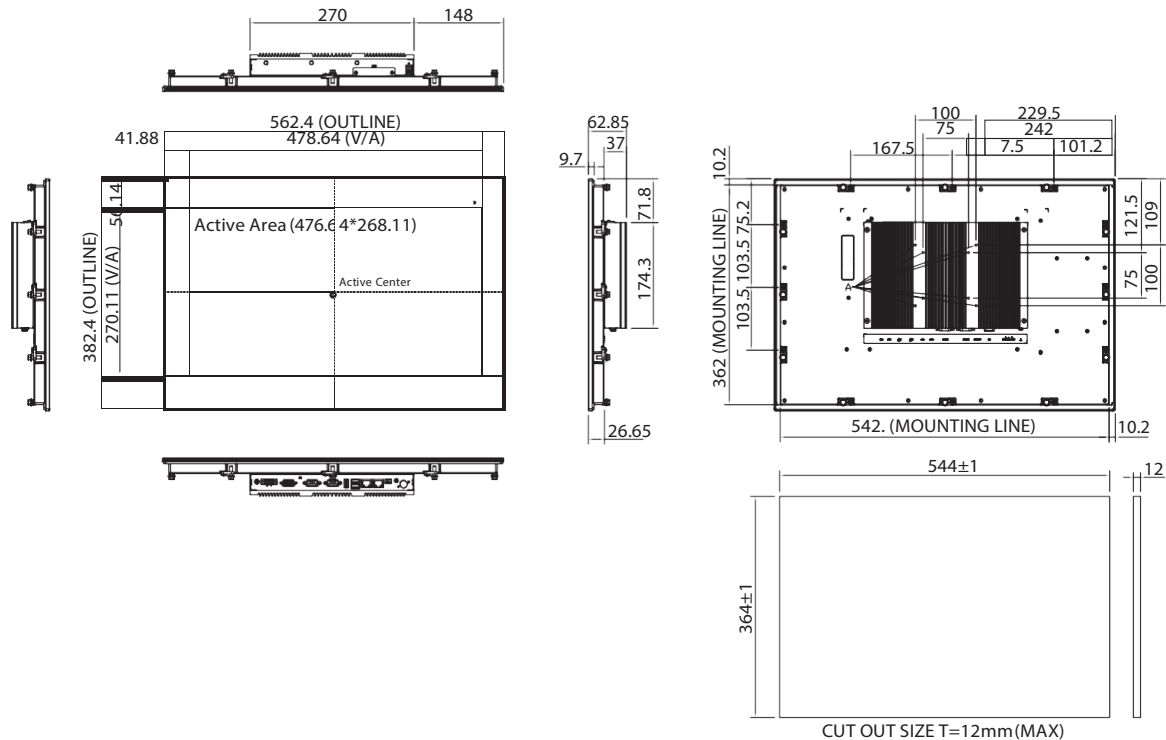


司騰達股份有限公司
BHP Industry Solution
www.bhp.com.tw
客服信箱: sales@bhp.com.tw

總公司:
台中市西屯區廣福路186號
電話: (04)-2451-0611
傳真: (04)-2451-0612

分公司:
新北市中和區中山路2段299號5樓之1
電話: (02)-2242-1625
傳真: (02)-2242-1605

Dimension Drawing



Ethernet

- ◆ LANchip: dual Intel® I210-AT Gigabit LAN
- ◆ Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

Mechanical & Environment

- ◆ Color: Pantone 432C/RAL 70 24 front bezel
- ◆ IP protection: IP66 front
- ◆ Mounting: panel/ wall/ stand/ VESA 100mm x 100mm
- ◆ System with panel mounting kit w/o panel mounting hole
- ◆ Power:
 - Power input: 12~30VDC
 - Power adapter: Optional AC to DC power adapter (+12V, 60W)
- ◆ Vibration:
 - IEC 68 2-64 (w/ HDD)
 - 1Grms @ sine, 5~500Hz, 1hr/axis (HDD operating)
 - 2Grms @ sine, 5~500Hz, 1hr/axis (CFast operating)
 - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- ◆ Shock:
 - IEC 68 2-27
 - HDD: 20G@wall mount, half sine, 11ms
- ◆ Temperature:
 - Operating temperature: -10°C to 60°C
 - Storage temperature: -20°C to 75°C
- ◆ Operating humidity: 10%~90% relative humidity, non-condensing
- ◆ Dimension: 562.4x382.4x62.85mm
- ◆ Weight: 9.26kg

Certifications

- ◆ CE (including EN61000-6-2/EN61000-6-4)
- ◆ FCC Class A

OS Support Lists

- ◆ Windows 10 64-bit

Ordering Information

Barebone

- ◆ IPPC 2140P-JM-BHP-A1
21.5" full HD LED backlight touch panel PC, Intel® Celeron® quad core processor J1900, up to 2.42GHz, 2M L2 Cache, touch screen, 8GB DDR3L, 2 x RS232/422/485

Options

- ◆ 12V, 60W AC/DC power adapter w/o power cord
(P/N: 7400060031X00)

型號：IPPC 2140P-JM-BHP-A1



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

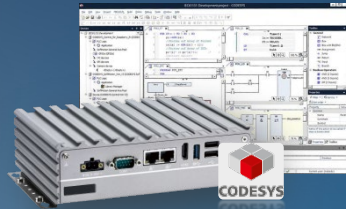
VPN+IOT 物聯網模組



Anybus X-Gateway



CODESYS SoftPLC



Jmobile Runtime IPC



工業 4.0 數位工廠與 工業物聯網解決方案

I4-SCADA IPC



SIEMENS PLC

S7-1200



SIEMENS PLC

ET 200SP IO



SIEMENS PLC

S7-1500



SIEMENS HMI



司騰達股份有限公司

台北營業所：23558 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



了解更多產品詳細資訊請上官網查詢
www.bhp.com.tw