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BHP Industry Solution

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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。



司騰達聯絡訊息

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Main Features

- ◆ 4:3 17" SXGA fanless panel computer
- ◆ Intel® Celeron® J1900, Quad Core, low consumption CPU
- ◆ Flush panel by 5-wire touch screen
- ◆ Dual GbE/2nd display-VGA/Line-out
- ◆ 3 x USB/2 x mini-PCIe sockets/1 x CFast/2 x RS232/422/485
- ◆ DDR3L 4GB/2.5" HDD bracket
- ◆ IP65 compliant front panel
- ◆ Mounting support: panel/wall/stand/VESA 100mm x 100mm
- ◆ Wide range power input 12V~30VDC

Product Overview

The 17" fanless panel PC APPC 1740T incorporating an industrial motherboard is intended for versatile industrial applications. The panel PC has a touch screen LCD panel with 1280 x 1024 (SXGA) resolution and 350-nit brightness. The front panel which adopts flush design and complies with IP65 standard makes it the perfect fit in industrial applications.

The APPC 1740T 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, APPC 1740T can gain a strong foothold in industrial field and machine devices. In addition, APPC 1740T can hook 2nd display via a VGA port for dual independent display. APPC 1740T has two isolated RS232/422/485 ports.

Specifications

Panel

- ◆ LCD size: 17", 4:3
- ◆ Resolution: SXGA 1280 x 1024
- ◆ Luminance: 350cd/m²
- ◆ Contrast ratio: 800
- ◆ LCD color: 16.7M
- ◆ Viewing angle: 60 (U), 80 (D), 80 (L), 80 (R)
- ◆ Backlight: LED

Touch Screen

- ◆ 5-Wire resistive (flush panel type)
- ◆ Light transmission: 81%
- ◆ Interface: USB

System

- ◆ CPU: on-board Intel® Celeron® Quad Core processor J1900, up to 2.0GHz, 2M L2 Cache
- ◆ 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)

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
- ◆ Power switch
- ◆ Reset button
- ◆ 2-Pin remote power on/off switch
- ◆ COM #1: RS232/422/485 w/2.5kv isolated
- ◆ COM #2: RS232/422/485 w/2.5kv isolated

Audio

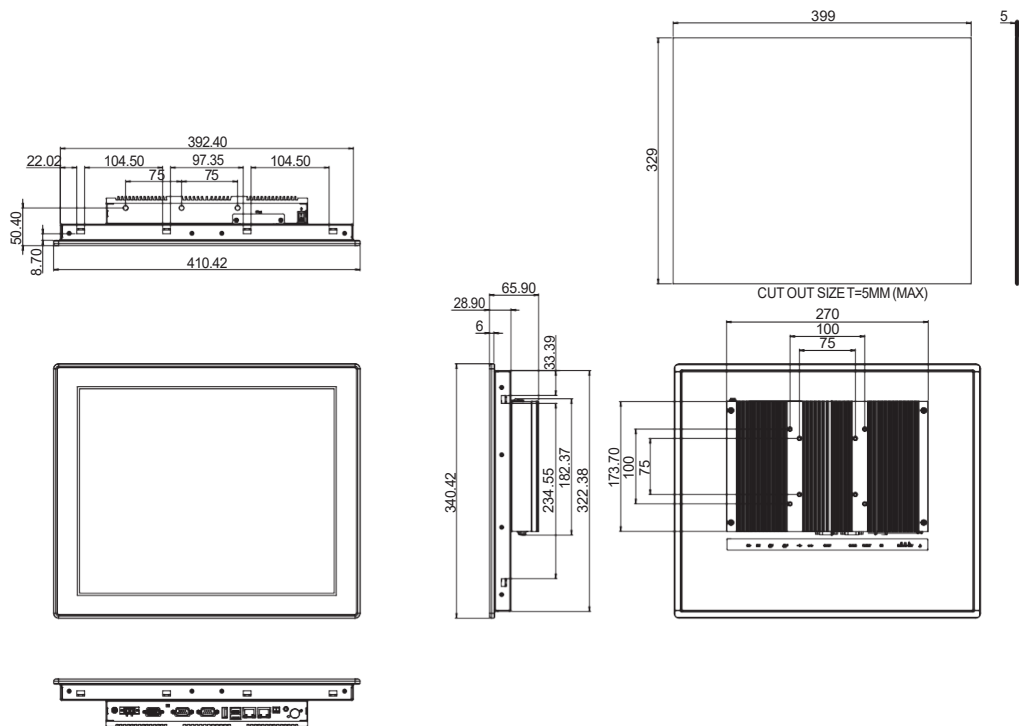
- ◆ HD audio codec: realtek ALC886-GR
- ◆ Audio interface: Line-out

Ethernet

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



Dimension Drawing



Mechanical & Environment

- ◆ Color: Pantone black\RAL 15 00 front bezel w/ Pantone 400C\RAL 090 80 10 metal style membrane and black silver PC box
- ◆ IP protection: IP65 front
- ◆ Mounting: panel/wall/stand/VESA 100mm x 100mm
- ◆ Power
 - Power input: 12V~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: -5°C to 60°C
 - Storage temperature: -20°C to 75°C
- ◆ Operating humidity: 10%~90% relative humidity, non-condensing limits to be at 90% RH at max 50°C
- ◆ Dimension: 410.4 x 340.4 x 65.9 mm
- ◆ Weight: 5.6 kg

Certifications

- ◆ CE approval
- ◆ FCC Class A

OS Support Lists

- ◆ Windows 10 64-bit

Ordering Information

Barebone

- ◆ APPC 1740T-JM-BHP-A1
17" SXGA LED backlight touch panel PC, Intel® Celeron® J1900 up to 2.0GHz, touch screen, 4GB DDR3L, 2 x RS232/422/485

Options

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

型號：APPC 1740T-JM-BHP-A1



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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

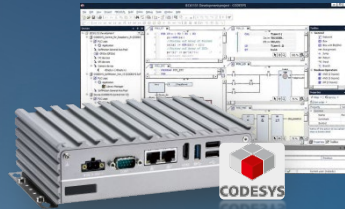
VPN+IOT 物聯網模組



Anybus X-Gateway



CODESYS SoftPLC



Jmobile Runtime IPC



I4-SCADA IPC



工業 4.0 數位工廠與 工業物聯網解決方案

SIEMENS PLC

S7-1200



SIEMENS PLC

ET 200SP IO



SIEMENS PLC

S7-1500



SIEMENS HMI



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