



司騰達股份有限公司
BHP Industry Solution



EtherNet/IP

CC-Link



CANopen



Now with ...
CPC UA



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。



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CODESYS



產品規格敘述: CODESYS 嵌入式無風扇 IPC 主機/
Intel® Celeron® Processor J1900 Quad Core Fanless System/8G RAM/128G SSD/NVRAM 1MB/Win10 OS/ CODESYS /Runtime



Product Overview

Powered by Intel® Celeron® processor (formerly codenamed "Bay Trail"), the IPC provides outstanding performance not only on computing but also on graphics, and it presents a brand new opportunity for both intelligent and industrial computing solutions. NISE 105U support ACP ThinManager that offers management solutions for the modern factory by simplifying management and also support Indusoft for HMI and SCADA. Up to 8G DDR3L memory, NISE 105U have several options on storage devices like M.2, HDD and SSD. The NISE 105U support wide DC input range from 9-30VDC. The NISE 105U has high integration ability with optional mini-PCIe module and 4 x COM ports, which makes it a real intelligent system for various applications such as factory automation applications (with optional PROFIBUS®, PROFINET®, DeviceNET®, EtherCAT®, EtherNet/IP™ Master module), network applications (with optional GbE LAN, Wi-Fi, 3.5G/4G LTE module) and communication applications (with optional GPIO, RS232/422/485). NISE 105U is definitely the top choice for M2M intelligent system and factory automation platforms.

Specifications

CPU Support

- Onboard Intel® Celeron® processor J1900 quad core, 2.42GHz

Main Memory

- 1 x DDR3L SO-DIMM socket 8GB RAM

Storage Device

- 1 x 2.5" 128G SSD

Display Option

- Dual independent display
 - HDMI
 - DVI-I

I/O Interface-Front

- 1 x Power status/1 x HDD access/1 x battery low/1 x programing LEDs
- 2 x Ethernet LAN ports support
- 1 x USB 3.0 (900mA per each)
- 2 x USB 2.0 (500mA per each)

I/O Interface - Rear

- 1 x Remote power on/off switch
- 2x DB9 for COM1 & COM2, support RS232/422/485 with auto flow control
 - Jumper-free setting on RS232/422/485
- 2 x DB9 for COM3 & COM4 support RS232 only

Power Requirement

- Power input: +9VDC to +30VDC / 60W

- Sinusoidal: 0.5Grms @ 5~500Hz, IEC60068-2-6
- Vibration protection w/M.2 & SSD condition
 - Random: 2Grms @ 5~500Hz, IEC60068-2-64
 - Sinusoidal: 2Grms @ 5~500Hz, IEC60068-2-6

Support Protocol

Support industry fieldbus

- EtherCAT ,PROFINET ,EtherNet/IP ,Modbus RTU master/ TCP client
- support industry IT protocol
- OPC UA server , Modbus TCP server



Dimension

Support OS

- Windows 10 Enterprise 64bit

Dimensions

- 185mm (W) x 131mm (D) x 54mm (H)
without wall-mount bracket

Environment

- Operating temperature
 - Ambient with air flow: -5°C to 55°C
(according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -30°C to 85°C
- Relative humidity: 10% to 95% (non-condensing)
- Shock protection
 - HDD: 20G, half sine, 11ms, IEC60068-2-27
 - M.2: 50G, half sine, 11ms, IEC60068-2-27
- Vibration protection w/HDD condition
 - Random: 0.5Grms @ 5~500Hz, IEC60068-2-64

訂購型號：

SoftPLC 與 SoftMotion 運動控制功能

- NISE105-CDS-RT-BHP [授權敘述: Codesys Control RTE SoftPLC]
- NISE105-CDS-SM-BHP [授權敘述: Codesys Control RTE SoftMotion PLC]
- NISE105-CDS-CNC-BHP [授權敘述: Codesys Control RTE SoftMotion CNC PLC]

SoftPLC 與 SoftMotion 運動控制功能 與 加值套件 Jmobile 產線圖控可視化軟體

- NISE105-CDS-RTJ-BHP [授權敘述: Codesys Control RTE SoftPLC+Jmobile RT Web HMI]
- NISE105-CDS-SMJ-BHP [授權敘述: Codesys Control RTE SoftMotion PLC +Jmobile RT Web HMI]
- NISE105-CDS-CNCJ-BHP [授權敘述: Codesys Control RTE SoftMotion CNC PLC +Jmobile RT Web HMI]



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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

Ewon Cosy131

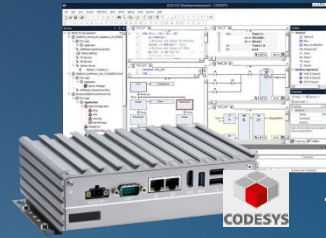
VPN 遠端連線



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 RemoteIO

EtherCAT
PROFINET



SIEMENS ET 200SP
PROFINET Remote IO



SDP 系列
EtherCAT 伺服馬達



eSMART Web HMI
Esmart04/07/10

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