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BHP Industry Solution

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HMS Connecting Devices



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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

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



Main Features

- 1 Support 6th generation Intel® Core™ i5 LGA socket type embedded processor
- 1 Intel® H110 PCH
- 1 Support 1 x 2.5" SATA HDD
- 1 1 x DVI-D, 1 x HDMI with independent display support
- 1 Two Intel® GbE LAN ports; support WoL, teaming and PXE
- 1 1 x SIM card socket
- 1 4 x USB 3.0, 2 x USB 2.0, 2 x RS232/422/485 with auto flow control
- 1 2 x Internal mini-PCIe socket support optional Wi-Fi/3.5G/mSATA/Fieldbus
- 1 Support +9V to 30V DC input; ATX power mode
- 1 one PCIe x4 expansions

Product Overview

Integrated with 6th generation Intel® Core™ i5 processors, NISE 3800 series is the fanless PC designed for industrial applications which demand high CPU and graphics performance. NISE 3800 supports up to 32G DDR4 memory and have several options on storage devices like M.2, HDD, mSATA or SSD. NISE 3800 supports wide range of DC input from +9V to 30V DC input, and can be operated in an extended operating temperature range between -5 to 55 Celsius degree. For extended module availability, NISE 3800 also designed two internal mini-PCIe sockets to support IoT applications (integrate with optional GbE LAN, Wi-Fi, 3.5G module) and common communication applications (integrate with optional GPIO, RS232/422/485 module).

Specifications

CPU Support

- 1 Support 6th generation Intel® Core™ i7/i5/i3 LGA socket type embedded processor
 - Core™ i5-6500TE, Quad Core, 2.3GHz, 6M Cache

- 1 Turbo-boost disabled by default

Main Memory

- 1 2 x DDR4 SO-DIMM socket, support up to 32GB with un-buffered and non-ECC

Display Option

- 1 Two independent display
 - HDMI+ DVI-D

Front I/O Interface Status LEDs

- 1 2 x LAN active LEDs
- 1 2 x GPO status/COM1/2 TX/RX LEDs
- 1 1 x HDD access LEDs

Front I/O Interface

- 1 1 x ATX power on/o switch
- 1 2 x USB 2.0 ports (500mA per each)
- 1 2 x Antenna holes
- 1 1 x SIM card holder

Rear I/O Interface

- 1 2 x DB9 for COM1 & COM2
 - COM1: RS232/RS422/RS485
 - COM2: RS232/RS422/RS485
- 1 4 x USB 3.0 ports (900mA per each)
- 1 1 x DVI-D port
- 1 1 x HDMI port
- 1 2 x Intel® I210IT GbE LAN ports; support WoL, teaming and PXE
- 1 1 x 2-pin remote power on/o switch
- 1 +9V to 30V DC input

Storage Device

- 1 1 x 2.5" HDD (SATA 3.0)
- 1 1 x mSATA (internal mini-PCIe socket)

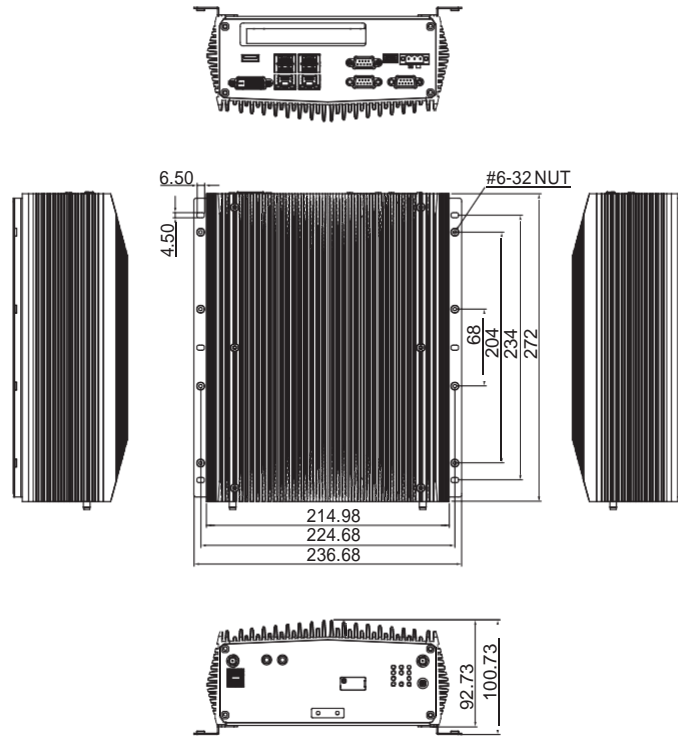
Expansion Slot

- 1 One PCIe x4 expansion slot
 - Add-on card length: 169mm max.
 - Power consumption: 10W/slot max.
- 1 2 x Internal mini-PCIe socket support optional Wi-Fi/3.5G/mSATA/Fieldbus

Power Requirements

- 1 AT/ATX power mode (default: ATX power mode)
- 1 Power input: +9 to +30V DC
- 1 Power adapter: optional AC to DC power adapter (24V DC, 120W)

Dimension Drawing



Dimensions

- 1 215 mm(W) x 272mm (D) x 93mm (H) without wall mount bracket (8.5" x 10.7" x 3.7")

Construction

- 1 Aluminum and metal chassis with fanless design

Environment

- 1 Operating temperature:
Ambient with air flow: -5°C to 55°
(according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- 1 Storage temperature: -20°C to 85°C
- 1 Relative humidity: 10% to 93% (non-condensing)
- 1 Shock protection:
 - HDD: 20G, half sine, 11ms, IEC60068-2-27
- 1 Vibration protection with HDD condition:
 - Random: 0.5Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 0.5Grms @ 5~500 Hz, IEC60068-2-6

Certifications

- 1 CE approval- EN61000-6-2- EN61000-6-4
- 1 FCC Class A
- 1 UL

OS Support Lists

- 1 Windows 10 64bits

Weight Information

- 1 Gross weight: 5.9kg
- 1 Net weight: 4.5kg

Ordering Information

- 1 NISE 3800 - SCADA
6th generation Intel® Core™ i5 fanless system with one PCIe x4 expansion
- 1 24V, 120W AC to DC power adapter w/o power cord (P/N: 7400120023X00)

型號：NISE3800-SCADA-BHP-A1



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自動化工業與跨國遠端連線的最佳選擇

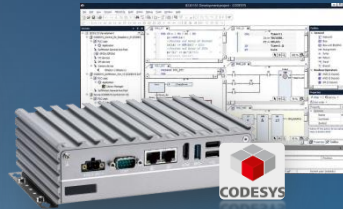
Ewon Flexy205
VPN+IOT 物聯網



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

Ewon Cosy131
VPN 遠端連線



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



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