

HMI Panel PC Panel PC

Configuration Number: BASE CONFIG
SL-PPC-10A-N2930-J



Completely Fanless

Type:

Fanless Panel PC

Screen:

5-Wire Resistive, Native Resolution: 800 x 600, Front Panel Rating: IP65

Mounting: Bezel Mounting Hardware Included, Suitable for Mounting in Cut-Out

Motherboard:

Featuring Intel Celeron SoC and Intel Celeron N2930 Processor (1.83GHz Quad Core, Burst 2.16GHz) TDP 7.5W

Long Production Cycle Motherboard (Through Q1 2021)

LAN: 2x GB (10/100/1000)

Video: VGA + DVI-D

Audio: Realtek ALC662 HD Audio

Ports:

5x USB 2.0 Ports (2 Front, 3 Rear)

1x USB 3.0 Port (1 Rear)

4x COM Port (2 RS232/422/485 Rear, 2 RS232/422/485 on Headers)

See specifications for more ports

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Also Included:

Memory: 4GB DDR3 1600MHz SODIMM RAM [Upgradeable]

Hard Drive: 120GB SSD SATA 6.0Gb/s, 520/320MB/s read/write (or greater) [Upgradeable]

Power Supply: +9V ~ +24V DC-in jack

Operating System: Not Included -

Warranty: One-Year Depot Warranty [Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: Proprietary
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2021
- Fanless

Supported CPU

- Number of Processors: 1
- Processor Type: Embedded CPUs (ultra-low power, soldered down)
- Embedded CPU: Intel Celeron N2930 Processor (1.83GHz Quad Core, Burst 2.16GHz) TDP 7.5W

Chipset

- Chipset: Intel Celeron SoC

Memory

- Memory Type: SO DIMM DDR3 1333MHz
- Memory Type: Non-ECC
- DIMMS: 1
- Maximum Memory: 8GB

On Board Audio

- Audio Type: Realtek ALC662 HD Audio

On Board Video

- Video Chipset: Intel HD Graphics
- Video on IO: VGA + DVI-D
- VGA Port Out: 1
- DVI-D Out: 1

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Realtek RTL8111G
- Second LAN Chipset: Realtek RTL8111G
- Wireless LAN: Integrated 802.11 b/g/n Wireless LAN/Bluetooth 4.0 - Removable Under Networking Section

Drive Interface

- SATA II Ports (3GB): 1
- SAS 6G Ports: 1

mini PCIe

Display Specifications

Display

- Screen Size (inches): 10
- Touch Type: 5-Wire Resistive
- Front Panel Rating: IP65
- Aspect Ratio: 4 : 3
- Native Display Resolution: 800 x 600
- Brightness (nits): 400
- Display Area (H): 211.2mm
- Display Area (V): 158.4mm
- Aspect Ratio: 4 : 3
- DisplayColors: 256 K
- Contrast Ratio: 700:1
- Backlight: LED
- Viewing Angle(U) : 60
- Viewing Angle(D) : 60
- Viewing Angle(L) : 50
- Viewing Angle(R) : 50

Connectivity

- VGA Port In: 0
- DVI-I In: 2
- HDMI In: 3

Mounting Options

- Mounting Options: Bezel Mounting Hardware Included, Other options sold separately
- Suggested Cut-Out Dimension (Width): 275mm
- Suggested Cut-Out Dimension (Height): 198mm
- Width: 12.1inches
- Height: 9.2inches
- Depth: 2.26inches
- Depth (Inches): 2.26
- Unboxed Weight: 6lbs
- Shipping Weight: 25lbs
- MTBF: 50000hours
- Maximum Operating Temperature: 80C
- High Humidity: 90%
- Low Humidity: 8%
- Storage Temp (High): 80C
- Storage Temp (Low): -30C
- Storage Humidity (High): 90%
- Storage Humidity (Low): 8%

Power

- mSATA
- USB and PCIe signals
- half and/or full size mini PCIe card: full size

Rear IO

- USB 2.0 Ports (on IO): 3
- USB 3.0 Ports (on IO): 1
- Serial 232/422/485 Ports: 2
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- Serial 232/422/485 Ports: 2

Management Features

- Watch Dog

Environmental

- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (64-bit)
- Windows 7 Pro (FES) 32-Bit
- Windows 7 Pro (FES) 64-Bit
- Windows Embedded 7 (32-Bit)
- Windows Embedded 7 (64-Bit)
- Windows Embedded 8 (32-bit)
- Windows Embedded 8 (64-bit)
- Windows 8.1 (32-bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (32-bit)
- Windows 8.1 Pro (64-bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Ent-Entry

Compliance of Component

- UL
- CE
- FCC
- CB
- CCC

Warranty of Component

- Motherboard Warranty: 1 Year

Other Features

- Other Features:
12V AC/DC Adapter, Power Cord, Wall bracket, DIN Rail Clip Included

*USB 2.0 Header are used for the front USB Ports

- Power Supply: AC 100~240V/12V DC

Compliance of Component

- CE
- RoHS
- FCC

Environmental

- Power Consumption (on): 8.3Watts

Warranty

- Warranty: 1 year

Other

- Features:

Industrial Display

- • Screen Size: 10"
- • Touch Type: 5-Wire Resistive
- • Front Panel Rating: IP65
- • Native Display Resolution: 800 x 600
- • Brightness (nits): 400

Chassis Specifications:

General

- Form Factor: Embedded PC
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Slide Rails: Optional

Expansion

- Internal 2.5" Bays: 1
- Serial Port Punchouts: 2

Front Ports

- USB 2.0 Port (Front): 2
- Front Audio Ports: 1

Physical

- Depth: 142mm
- Width: 185mm
- Height: 48mm
- Shipping Box - Depth: 118mm
- Shipping Box - Width: 250mm
- Shipping Box - Height: 295mm
- Shipping Weight: 7lbs

Power

- Built-in Chassis Power Supply: +9V ~ +24V DC-in jack

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