

HMI Panel PC Panel PC

Configuration Number: BASE CONFIG
SL-PPC-13AWHD-N2930-H-2LAN



13.3" Open Frame Widescreen. Integrated WIFI 802.11 b/g/n

Type:

Fanless Panel PC

Screen:

Multi-Touch Projected Capacitive, Native
Resolution: 1920 x 1080, Front Panel
Rating: Not Rated

Mounting: 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 2029)

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

Video: HDMI

Audio: 8-Channel HD Audio by Realtek ALC887

Ports:

3x USB 2.0 Ports (1 Front, 2 Rear)

1x USB 3.0 Port (1 via internal headers)

1x COM Port (RS232/422/485 Rear)

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
1.35V [Upgradeable]

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

Power Supply: 12VDC 36W External Power
Adapter

Operating System: Not Included -

Warranty: One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: NUC (101x101 mm)
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2029
- 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 1600MHz
- Memory Type: Non-ECC
- DIMMS: 1
- Maximum Memory: 8GB

On Board Audio

- Audio Type: 8-Channel HD Audio by Realtek ALC887

On Board Video

- Video Chipset: Intel HD Graphics
- Video on IO: HDMI
- HDMI Out: 1

LAN

- LAN Ports: 2
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel 82583V
- Second LAN Chipset: Intel 82583V
- Wireless LAN: Integrated Realtek 802.11 b/g/n
Wireless LAN - Removable Under Networking Section

mini PCIe

- mSATA

Display Specifications

Display

- Screen Size (inches): 13.3
- Touch Type: Multi-Touch Projected Capacitive
- Aspect Ratio: 16 : 9
- Native Display Resolution: 1920 x 1080
- Brightness (nits): 220
- Display Area (H): 293.76mm
- Display Area (V): 165.24inches
- Aspect Ratio: 16 : 9
- DisplayColors: 16.7 M
- Contrast Ratio: 1000:1
- Backlight: LED
- Viewing Angle(U) : 178
- Viewing Angle(D) : 178
- Viewing Angle(L) : 178
- Viewing Angle(R) : 178

Connectivity

- VGA Port In: 1
- DVI-D In: 1
- HDMI In: 1

Mounting Options

- Mounting Options: VESA 75mm x 75mm, VESA 100mm x 100mm, Other options sold separately
- Suggested Cut-Out Dimension (Width): 13.5inches
- Suggested Cut-Out Dimension (Height): 8.75inches

Physical

- Width: 346.8mm
- Height: 180mm
- Depth: 49mm
- Depth (Inches): 2
- Unboxed Weight: 6lbs
- Shipping Weight: 11lbs

Environmental

- MTBF: 30000hours
- Maximum Operating Temperature: 50C
- High Humidity: 90%
- Low Humidity: 5%

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

Rear IO

- USB 2.0 Ports (on IO): 2
- Serial 232/422/485 Ports: 1
- SPDIF Connector: 1

Headers

- USB 2.0 Ports (on Headers): 1
- USB 3.0 Ports (on Headers): 1

Environmental

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

Operating System Support

- Windows 7 Ultimate (64-bit)
- Windows 7 Pro (32-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 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 Entry
- Windows 10 IoT Entry 32-bit 2019 LTSC
- Windows 10 IoT Entry 2019 LTSC

Compliance of Component

- UL
- CE
- RoHS
- FCC
- CCC

Warranty of Component

- Motherboard Warranty: 1 Year

- Storage Temp (High): 60C
- Storage Temp (Low): -20C
- Storage Humidity (High): 90%
- Storage Humidity (Low): 5%

Power

- Power Supply: AC 100~240V/12V DC
- Power Consumption (on): 10Watts

Compliance of Component

- CE
- RoHS
- FCC

Warranty

- Warranty: 1 year

Other

- Features:

**13.3" Open Frame Full HD Touch Widescreen
- Mounting ears not removable**

Display Specifications

• Display

- • Screen Size: 13.3"
- • Touch Type: Multi-Touch Projected Capacitive
- • Front Panel Rating: Not Rated
- • Color: Black
- • Native Display Resolution: 1920 x 1080
- • Brightness (nits): 220
- • Aspect Ratio: 16 : 9
- • DisplayColors: 16.7 M
- • Contrast Ratio: 1000:1
- • Backlight: LED

• Connectivity

- • VGA Port In: 1
- • DVI-D In: 1
- • HDMI In: 1

Chassis Specifications:

General

- Form Factor: Micro PC
- Color: Black
- Material: Metal/Aluminum
- Material Thickness: 1mm

Front Ports

- USB 2.0 Port (Front): 1

- USB 3.0 Ports (Front): 1

Cooling System

- Maximum Fan Count: 1
- Included Fans: 1

Physical

- Depth: 116mm
- Depth (Inches): 4.5
- Width: 110mm
- Height: 49mm
- Shipping Box - Depth: 4"
- Shipping Box - Width: 10"
- Shipping Box - Height: 8"
- Shipping Weight: 6lbs

Power

- Built-in Chassis Power Supply: 12VDC 36W
External Power Adapter

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