

HMI Panel PC Panel PC

Configuration Number: BASE CONFIG
SL-PPC-08Wv2-E3845



(Full size images available on web site)

Type:

- Fanless Panel PC
- **Screen:**
 - 8" 5-Wire Resistive, Native
 - Resolution: 1024 x 600, Front Panel
 - Rating: IP65

Motherboard:

- Featuring Intel ATOM SoC and Intel Atom E3845 Processor (1.91GHz Quad Core) TDP 10W
- **WiFi:** Optional USB WiFi 802.11 b/g
- **Video:** VGA + HDMI
- **Audio:** 5.1 channel by Realtek ALC892
- **Ports:**
 - 3x USB 2.0 Ports (3 Rear)
 - 1x USB 3.2 Gen 1 Port(1 Rear)
 - 2x COM Port (1 RS232 Rear, 1 RS232/422/485 Rear)
 - See specifications for more ports
- **Operating Temperature:** 0°C to 40°C (32°F to 104°F)

Configuration summary:

- **Memory:** 2GB DDR3 1333MHz SODIMM RAM
- **Hard Drive:** 256GB mSATA SSD SATA 6.0Gb/s, 550/500MB/s read/write (or greater)
- **Power Supply:** 12~28V input / 12VDC 60w External Power adapter included
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: Embedded
- Fanless

Supported CPU

- Number of Processors: 1
- Processor Type: Embedded CPUs (ultra-low power, soldered down)
- Embedded CPU: Intel Atom E3845 Processor (1.91GHz Quad Core) TDP 10W

Chipset

- Chipset: Intel ATOM SoC

Memory

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

On Board Audio

- Audio Type: 5.1 channel by Realtek ALC892

On Board Video

- Video Chipset: Intel Valleyview SoC integrated Graphics
- Video on IO: VGA + HDMI
- VGA Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 2
- LAN Chipset: Intel i211AT
- Second LAN Chipset: Intel i211AT
- Wireless LAN: Optional USB WiFi 802.11 b/g

Drive Interface

- Compact Flash: 1

Mini PCIe

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

M.2 Slot Specs

Rear IO

Display Specifications

Display

- Screen Size (inches): 8
- Touch Type: 5-Wire Resistive
- Front Panel Rating: IP65
- Aspect Ratio: 128 : 75
- Native Display Resolution: 1024 x 600
- Brightness (nits): 500
- Display Area (H): 3.90"
- Display Area (V): 7"
- Aspect Ratio: 128 : 75
- DisplayColors: 256 K
- Contrast Ratio: 700:1
- Backlight: LED
- Viewing Angle(U) : 70
- Viewing Angle(D) : 70
- Viewing Angle(L) : 75
- Viewing Angle(R) : 75

Mounting Options

- Mounting Options: VESA 75mm x 75mm, Other options sold separately
- Suggested Cut-Out Dimension (Width): 8.80"
- Suggested Cut-Out Dimension (Height): 4.80"

Physical

- Width: 225mm
- Height: 129mm
- Depth: 43.40mm
- Depth (Inches): 1.75
- Unboxed Weight: 3lbs
- Shipping Weight: 6lbs

Environmental

- MTBF:
- Maximum Operating Temperature: 40C
- High Humidity: 90%
- Storage Temp (High): 50C
- Storage Temp (Low): -10C
- Storage Humidity (High): 90%
- Storage Humidity (Low): 10%

Power

- Power Supply: Accepts 12VDC, 100-240VAC/12VDC 5A 60W External Power

- USB 2.0 Ports (on IO): 3
- USB 3.2 Gen 1 Type A Ports (on IO): 1
- Serial (Rear IO): 1
- Serial 232/422/485 Ports: 1
- Audio on IO

Management Features

- Watch Dog

Environmental

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- High Humidity: 90%

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 7 PRO (FES) DGS 32-BIT
- Windows 7 PRO (FES) DGS 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 Entry 2019 LTSC
- Windows 11 Pro (64 Bit)

Compliance of Component

- CE
- FCC

Warranty of Component

- Motherboard Warranty: 1 Year

Adapter included

- Power Consumption (on): 60Watts

Compliance of Component

- CE
- FCC

Warranty

- Warranty: 1 year

Other

- Built-in Chassis Power Supply: 12~28V input / 12VDC 60w External Power adapter included

Chassis Specifications:

General

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

Physical

- Depth: 43.40mm
- Depth (Inches): 1.75
- Width: 225mm
- Height: 129mm
- Shipping Box - Depth: 5.50"
- Shipping Box - Width: 11"
- Shipping Box - Height: 11"
- Shipping Weight: 6lbs

Power

- Built-in Chassis Power Supply: 12~28V input / 12VDC 60w External Power adapter included



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