HMI Panel PC Panel PC

Configuration Number: BASE CONFIG
SL-PPC-10-E3845

(full size images available on web site)

Can be Long Lead Time- Please Call for Current Status

Type:

- Panel PC
- **Screen:**
  - 10.4" 5-Wire Resistive, Native Resolution: 1024 x 768, Front Panel Rating: IP65

Motherboard:

- Featuring Intel ATOM SoC and Intel Atom E3845 Processor (1.91GHz Quad Core) TDP 10W
- **Video:** HDMI
- **Audio:** Onboard Audio
- **Ports:**
  1x USB 2.0 Port(1 Rear)
  1x USB 3.2 Gen 1 Port(1 Rear)
  1x COM Port (RS232/422/485 Rear)
  See specifications for more ports
- **Operating Temperature:** -20ºC to 60ºC (-4ºF to 140ºF)

Configuration summary:

- **Memory:** 4GB DDR3 1333MHz SODIMM RAM
- **Hard Drive:** 250GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 870 EVO
- **Power Supply:** Included Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model
- Motherboard Type: Panel

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 1600MHz
- Memory Type: Non-ECC
- DIMMS: 1
- Maximum Memory: 8GB

On Board Audio
- Audio Type: Onboard Audio

On Board Video
- Video Chipset: Intel Valleyview SoC integrated Graphics
- Video on IO: HDMI
- HDMI Out: 1

LAN
- LAN Ports: 2
- LAN Chipset: Intel i210IT
- Second LAN Chipset: Intel i210IT
- Wireless LAN: No Integrated WLAN

Drive Interface
- SATA II Ports (3GB): 1
- Compact Flash: 1

Mini PCIe
- mini PCIe
- mSATA
- half and/or full size mini PCIe card: full size
- Second mini PCIe
- 3G Data Support
- half and/or full size mini PCIe card: half size

M.2 Slot Specs

Display Specifications

Display
- Screen Size (inches): 10.4
- Touch Type: 5-Wire Resistive
- Front Panel Rating: IP65
- Aspect Ratio: 4 : 3
- Native Display Resolution: 1024 x 768
- Brightness (nits): 500
- Display Area (H): 211.20mm
- Display Area (V): 158.40"
- Aspect Ratio: 4 : 3
- DisplayColors: 16.2 M
- Contrast Ratio: 1200:1
- Backlight: LED
- Viewing Angle(U) : 88
- Viewing Angle(D) : 88
- Viewing Angle(L) : 88
- Viewing Angle(R) : 88

Mounting Options
- Suggested Cut-Out Dimension (Width):
- Suggested Cut-Out Dimension (Height):

Physical
- Width: 259mm
- Height: 196"
- Depth: 41mm
- Depth (Inches): 1.6
- Unboxed Weight: 5lbs
- Shipping Weight: 10lbs

Environmental
- MTBF: 30000hours
- Maximum Operating Temperature: 60C
- Low Operating Temp: -20C
- High Humidity: 90%
- Storage Temp (High): 60C
- Storage Temp (Low): -20C
- Storage Humidity (High): 90%

Power
- Power Supply: Accepts 12VDC, 100-240VAC/12VDC 5A 60W External Power Adapter included
- Power Consumption (on): 60Watts

Rear IO

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

Environmental

- Operating Temperature: -20ºC to 60ºC (-4ºF to 140ºF)
- 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
- Windows 10 IoT Entry 2019 LTSC

Compliance of Component

- UL
- CE
- RoHS
- FCC

Warranty of Component

- Motherboard Warranty: 1 Year

Compliance of Component

- UL
- CE
- RoHS
- FCC

Warranty

- Warranty: 1 year

Other

- Built-in Chassis Power Supply: Included Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)

Chassis Specifications:

General

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

Expansion

- Internal 2.5" Bays: 1

Front Ports

- USB 2.0 Ports (Front): 1
- USB 3.2 Ports (Front): 1
- Front Audio Ports: 1

Physical

- Depth: 41mm
- Depth (Inches): 1.6
- Width: 259mm
- Height: 196"
- Shipping Box - Depth: 4"
- Shipping Box - Width: 310"
- Shipping Box - Height: 250"
- Shipping Weight: 10lbs

Power

- Built-in Chassis Power Supply: Included Input: 100
  ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V
  @ 5A Adapter)