

# HMI Panel PC Panel PC

Configuration Number: BASE CONFIG  
SL-PPC-15-E3845



(full size images available on web site)

## Can be Long Lead Time- Please Call for Current Status

### Type:

- Fanless Panel PC
- **Screen:**
  - 15" 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:** -20°C to 60°C (-4°F to 140°F)

### 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
- 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 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

### M.2 Slot Specs

### Rear IO

## Display Specifications

### Display

- Screen Size (inches): 15
- Touch Type: 5-Wire Resistive
- Front Panel Rating: IP65
- Aspect Ratio: 4 : 3
- Native Display Resolution: 1024 x 768
- Brightness (nits): 400
- Display Area (H): 304.13mm
- Display Area (V): 228.10"
- Aspect Ratio: 4 : 3
- DisplayColors: 16.2 M
- Contrast Ratio: 700:1
- Backlight: LED
- Viewing Angle(U) : 70
- Viewing Angle(D) : 70
- Viewing Angle(L) : 80
- Viewing Angle(R) : 80

### Mounting Options

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

### Physical

- Width: 350mm
- Height: 273.90mm
- Depth: 53.10mm
- Unboxed Weight: 10lbs
- Shipping Weight: 20lbs

### 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

### Compliance of Component

- 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: -20°C to 60°C (-4°F to 140°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
- Windows 10 IoT Entry 2019 LTSC

#### **Compliance of Component**

- UL
- CE
- RoHS
- FCC

#### **Warranty of Component**

- Motherboard Warranty: 1 Year

- 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

#### **Physical**

- Depth: 53.10mm
- Width: 350mm
- Height: 273.90mm
- Shipping Box - Depth: 103mm
- Shipping Box - Width: 410mm
- Shipping Box - Height: 330mm
- Shipping Weight: 20lbs

**Power**

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



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