

# HMI Panel PC Panel PC

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

**8-12 Weeks Lead Time - Please Call For Current Status**



(full size images available on web site)

## Type:

Fanless Panel PC

### Screen:

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 3.0 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)

## Also Included:

**Memory:** 4GB DDR3 1333MHz SODIMM RAM [Upgradeable]

**Hard Drive:** 500GB SATA 6Gb/s 7200 RPM 32MB 2.5" WD Black [Upgradeable]

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

**Operating System:** Not Included -

**Warranty:** One-Year Depot Warranty [Upgradeable]

# 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

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

### Rear IO

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

## 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): 304.128mm
- Display Area (V): 228.096inches
- 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

### Connectivity

#### Mounting Options

- Width: 350mm
- Height: 273.9mm
- Depth: 53.1mm
- Unboxed Weight: 10lbs
- Shipping Weight: 20lbs
- 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

### Compliance of Component

- UL
- CE
- RoHS
- FCC

### Environmental

### **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 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
- RoHS
- FCC

### **Warranty of Component**

- Motherboard Warranty: 1 Year

- Power Consumption (on): 60Watts

### **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: 53mm
- Width: 350mm
- Height: 273mm
- 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)

**SuperLogics**<sup>®</sup>

Simplifying Computing™

www.superlogics.com  
Phone: 1-508-650-9500

sales@superlogics.com  
Fax: 1-508-650-9525