

## HMI Panel PC All-in-One

Configuration Number: BASE CONFIG  
SL-PPC-15-2930-KA



(Full size images available on web site)

### Type:

- All-in-One
- **Screen:**
  - 15" 5-Wire Resistive, Native  
Resolution: 1024 x 768, Front Panel  
Rating: IP66
- **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
- **Video:** None
- **Audio:** Onboard Audio
- **Ports:**
  - 2x USB 3.2 Gen 1 Ports ( 2 Rear )
  - 2x COM Port (1 RS232 Rear, 1 RS232/422/485 Rear)
  - See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

### Configuration summary:

- **Onboard Memory:** 4GB DDR3 1333MHz RAM
- **Memory:** 4GB DDR3L 1600MHz Onboard Memory
- **Hard Drive:** 250GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 870 EVO
- **Power Supply:** Built-in DC-36V wide-ranging power input.
- **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 Celeron N2930 Processor (1.83GHz Quad Core, Burst 2.16GHz) TDP 7.5W

### Chipset

- Chipset: Intel Celeron SoC

### Memory

- Memory Type: DDR3 1333MHz
- Memory Type: Non-ECC
- DIMMS: 1
- Maximum Memory: 4GB

### On Board Audio

- Audio Type: Onboard Audio

### On Board Video

- Video Chipset: Supported by CPU - see Embedded CPU Information
- Video on IO: None

### LAN

- LAN Ports: 2
- LAN Chipset: Intel 82574L
- Second LAN Chipset: Intel 82574L
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA II Ports (3GB): 1

### M.2 Slot Specs

### Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Serial (Rear IO): 1
- Serial 232/422/485 Ports: 1
- Audio on IO

### Environmental

- Operating Temperature: 0°C to 50°C (32°F to 122°F )

## Display Specifications

### Display

- Screen Size (inches): 15
- Touch Type: 5-Wire Resistive
- Front Panel Rating: IP66
- Aspect Ratio: 4 : 3
- Native Display Resolution: 1024 x 768
- Brightness (nits): 450
- Display Area (H): 12"
- Display Area (V): 9"
- Aspect Ratio: 4 : 3
- DisplayColors: 16.7 M
- Contrast Ratio: 800:1
- Backlight: TFT, Active Matrix (CCFL)
- Viewing Angle(U) : 140
- Viewing Angle(D) : 140
- Viewing Angle(L) : 160
- Viewing Angle(R) : 160

### Mounting Options

- Mounting Options: VESA 100mm x 100mm, Other options sold separately
- Suggested Cut-Out Dimension (Width): 392mm
- Suggested Cut-Out Dimension (Height): 292mm

### Physical

- Width: 410mm
- Height: 310mm
- Depth: 54.67mm
- Depth (Inches): 2.15
- Unboxed Weight: 4.4lbs
- Shipping Weight: 11lbs

### Environmental

- MTBF: 60000hours
- Maximum Operating Temperature: 50C
- High Humidity: 90%
- Low Humidity: 10%
- Storage Temp (High): 60C
- Storage Temp (Low): -20C
- Storage Humidity (High): 90%
- Storage Humidity (Low): 10%

### Power

- Power Supply: 9~36V DC

- High Humidity: 90%
- Low Humidity: 10%

#### **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
- SL-Windows 10PRO to 7PRO 32-bit
- SL-Windows 10PRO to 7PRO 64-bit
- Windows Embedded 7 (32-Bit)
- Windows Embedded 7 (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
- FCC

#### **Warranty of Component**

- Motherboard Warranty: 1 Year

- Power Consumption (on): 17.8Watts

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- UL
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#### **Warranty**

- Warranty: 1 year

#### **Other**

- Built-in Chassis Power Supply: Built-in DC-36V wide-ranging power input.

### Chassis Specifications:

#### **General**

- Form Factor: Panel PC
- Color: Black & Silver
- Material: Metal/Aluminum
- Material Thickness: 1mm

#### **Expansion**

- Internal 2.5" Bays: 1

#### **Physical**

- Depth: 54.67mm
- Depth (Inches): 2.15
- Width: 410mm
- Height: 310mm
- Shipping Box - Depth: 250mm
- Shipping Box - Width: 550mm
- Shipping Box - Height: 460mm
- Shipping Weight: 11lbs

#### **Power**

- Built-in Chassis Power Supply: Built-in DC-36V wide-ranging power input.



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[www.superlogics.com](http://www.superlogics.com)  
Phone: 1-508-650-9500

[sales@superlogics.com](mailto:sales@superlogics.com)  
Fax: 1-508-650-9525