

# HMI Panel PC Panel PC

Configuration Number: BASE CONFIG

SL-PPC-24P-AH610I-S17





## Type:

- Panel PC
- Screen:
  - 24" Multi-Touch Projected Capacitive, Native Resolution: 1920 x 1080, Front Panel Rating: Not Rated

## Motherboard:

- Featuring Intel H610 Chipset and 12th Gen Core, Pentium Gold and Celeron (LGA1700) processor
- No Available Slots
- LAN: 1x Ports (1GbE (10/100/1000))
- WiFi: Wireless AC + BT
- Video: 1x DisplayPort + HDMI
- Audio: Realtek ALC897
- Ports:

4x USB 2.0 Ports ( 2 Front, 2 Rear ) 4x USB 3.2 Gen 1 Ports ( 2 Rear, 2 Internal Headers )

See specifications for more ports

• Operating Temperature: 5°C to 50°C (41°F to 122°F)

# Configuration summary:

- Processor: G7400 3.70GHz Intel Pentium Gold CPU - Dual Core, 6MB Cache, UHD Graphics 710 (Base 46W) (ERM)
- Memory: 8GB DDR4 3200MHz RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- Power Supply: 160w output, 12v input DC-DC Power Supply - AC Adapter Included

Operating System: Not Included -Warranty: One-Year Depot Warranty

# **Technical Specifications**

## MotherBoard Specifications:

## **Display Specifications**

#### **Motherboard Model**

Motherboard Type: MiniITX

## **Supported CPU**

• Number of Processors: 1

 Processor Type: 12th Gen Core, Pentium Gold and Celeron (LGA1700)

#### Chipset

• Chipset: Intel H610 Chipset

## Memory

• Memory Type: DDR4 2666MHz

• Memory Type: Non-ECC

• DIMMS: 2

• Maximum Memory: 64GB

## **On Board Audio**

• Audio Type: Realtek ALC897

#### On Board Video

 Video Chipset: Supported by CPU - depends on CPU selected

• Video on IO: 1x DisplayPort + HDMI

• Display Port Out: 1

• HDMI Out: 1

## LAN

• LAN Ports: 1

• LAN Type: 1GbE (10/100/1000)

• LAN Chipset: Intel i219V

• Wireless LAN: Wireless AC + BT

## **Drive Interface**

• SATA III Ports (6GB): 4

#### **Expansion Slots**

• PCI Express x16 Slots On Motherboard: 1

## M.2 Slot Specs

• Total M.2 NVMe SSD Slots: 1

M.2 Slot #1 Specs

M.2 SATA SSD

#### **Display**

• Screen Size (inches): 24

• Touch Type: Multi-Touch Projected Capacitive

• Aspect Ratio: 16:9

• Native Display Resolution: 1920 x 1080

Brightness (nits): 250
Screen Refresh Rate: 60Hz
Display Area (H): 11.70"
Display Area (V): 20.70"

Aspect Ratio: 16:9DisplayColors: 16.7 MContrast Ratio: 3,000:1

• Backlight: LED

Viewing Angle(U): 178<sup>o</sup>
Viewing Angle(D): 178<sup>o</sup>
Viewing Angle(L): 178<sup>o</sup>
Viewing Angle(R): 178<sup>o</sup>

#### Connectivity

VGA Port In: 1HDMI In: 1Display Port In: 1

## **Mounting Options**

Mounting Options: VESA 100mm x 100mm, Other options sold separately

• Suggested Cut-Out Dimension (Width):

• Suggested Cut-Out Dimension (Height):

## **Physical**

Width: 21.60"Height: 15.80"Depth: 7.80"

Unboxed Weight: 5.7lbsShipping Weight: 15.8lbs

## **Environmental**

• MTBF:

• Maximum Operating Temperature: 104F

• Low Operating Temp: 32F

• High Humidity: 90%

- PCle Signal
- 2280 22 mm x 80 mm.

#### Rear IO

- PS/2 Combo (Mouse/Keyboard)
- USB 2.0 Ports (on IO): 2
- USB 3.2 Gen 1 Type A Ports (on IO): 2
- Audio on IO

#### **Headers**

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 2
- Audio on Headers

#### **Environmental**

- Operating Temperature: 5°C to 50°C (41°F to 122°F)
- High Humidity: 90%
- Low Humidity: 5%

## **Operating System Support**

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows 10 IoT 2021 LTSC Value
- Windows 10 IoT 2021 LTSC High End
- Windows 11 Home (64 Bit)
- Windows 11 Pro (64 Bit)
- Windows 11 IoT 2024 LTSC Value
- Windows 11 IoT 2024 LTSC High End
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

#### **Compliance of Component**

- CE
- FCC

## **Other Features**

- Other Features:
  - **Expansion Slot** 
    - 1 x PCle 4.0 x16 Slot (PCIE1), supports x16 mode\*
  - \* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

If you have any questions, please discuss with our Sales Engineers.

- Low Humidity: 20%
- Storage Temp (High):
- Storage Temp (Low):
- Storage Humidity (High):
- Storage Humidity (Low):

#### **Power**

- Power Supply: AC 100~240V/12V DC
- Power Consumption (on): 26Watts

## **Compliance of Component**

- CE
- RoHS
- FCC
- CB

## Warranty

Warranty: 1 year

#### Other

• Features:

# 24" Frameless Touch Monitor

# with 10 Points PCAP

- Touch function for wet hands and multiple types of glove
- Pen clicks & Palm rejection technology
- 4-sides frameless design and optional stand for flexibility
- Friendly touch mode settingIntuitive touch
- OSD with ViewSonic Touch Controller

• Motherboard Warranty: 1 Year

## Chassis Specifications:

#### General

• Form Factor: Micro PC

· Color: Black

Material: Metal/SteelMaterial Thickness: 1mm

• Motherboard Compatibility: Mini ITX

## **Expansion**

Internal 2.5" Bays: 1
Serial Port Punchouts: 2
Parallel Port Punchouts: 1

• Antennae Punchout: 2

#### **Front Ports**

• USB 2.0 Ports (Front): 2

## **Cooling System**

• Maximum Fan Count: 1

## **Physical**

• Depth: 8.27"

• Depth (Inches): 8.27

Width: 7.60"Height: 2.60"

Shipping Box - Depth: 13"Shipping Box - Width: 9"Shipping Box - Height: 5"

## Other Features

• Shipping Weight: 8lbs

• Chassis Warranty: 1 Year

#### **Power**

 Built-in Chassis Power Supply: AC/DC Power Adapter Included



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