HMI Panel PC Panel PC

Configuration Number: BASE CONFIG
SL-PPC-13AWHD-MH510I-S17

Type:

- Panel PC
- **Screen:**
    - 13.3" Multi-Touch Projected Capacitive, Native Resolution: 1920 x 1080, Front Panel Rating: Not Rated
- **Mounting:** Suitable for Mounting in Cut-Out

Motherboard:

- Featuring Intel H510 Chipset and 10th/11th Gen Core i7/i5/i3 (LGA1200) processor
- **No Available Slots**
- **LAN:** 1x Ports (2.5 Gigabit 10/100/1000/2500 Mb/s)
- **WiFi:** Intel AX201 Wi-Fi 6 (802.11ax) + BT 5.1
- **Video:** DisplayPort + HDMI
- **Audio:** Realtek Audio CODEC
- **Ports:**
  6x USB 2.0 Ports (2 Front, 4 Rear)
  4x USB 3.2 Gen 1 Ports (2 Rear, 2 Internal Headers)
  See specifications for more ports
- **Operating Temperature:** 0ºC to 50ºC (32ºF to 122ºF)

Configuration summary:

- **Processor:** G5905- 3.50GHz Intel Celeron CPU - Dual Core, 4MB Cache, UHD Graphics 610 (58W)
- **Memory:** 8GB DDR4 3200MHz RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980

- **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:

Motherboard Model
- Motherboard Type: MinilTX

Supported CPU
- Number of Processors: 1
- Processor Type: 10th/11th Gen Core i7/i5/i3 (LGA1200)

Chipset
- Chipset: Intel H510 Chipset

Memory
- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 64GB

On Board Audio
- Audio Type: Realtek Audio CODEC

On Board Video
- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: DisplayPort + HDMI
- Display Port Out: 1
- HDMI Out: 1

LAN
- LAN Ports: 1
- LAN Type: 2.5 Gigabit 10/100/1000/2500 Mb/s
- LAN Chipset: Realtek RTL8125B
- Wireless LAN: Intel AX201 Wi-Fi 6 (802.11ax) + BT 5.1

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
- PCIe Signal
- 2280 - 22 mm x 80 mm.

Rear IO

- USB 2.0 Ports (on IO): 4
- 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: 3
- Audio on Headers
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 0ºC to 50ºC (32ºF to 122ºF)
- 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 Pro for WS (64 Bit)
- LINUX Ubuntu Desktop

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- 1x PCIe x16 slot
    - Support up to PCIe 4.0 for 11th Gen Intel CPU
    - Support up to PCIe 3.0 for 10th Gen Intel CPU
- 1x M.2 slot (from H510 chipset)
    - Support up to PCIe 3.0
    - Supports SATA 6Gb/s

- Supports 2280 storage devices