

## Microbox PC Embedded PC

Configuration Number: BASE CONFIG  
SL-EB-AH370I-S18



(Not all images available on web site)

### Type:

- Microbox PC
- Dimension: 2.60" x 12.30" x 8.27"

### Motherboard:

- Featuring Intel H370 Chipset and 8th and 9th Gen Core i7/i5/i3 (LGA1151) processor
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **WiFi:** Integrated Intel 802.11ac WiFi Module + Bluetooth 4.2 - Removable Under Networking Section
- **RAID:** 0,1
- **Video:** Dual HDMI + DisplayPort
- **Audio:** 7.1+2 Channel HD Audio by Realtek ALC892
- **Ports:**
  - 4x USB 2.0 Ports ( 2 Front, 2 Rear )
  - 4x USB 3.2 Gen 1 Ports ( 2 Rear, 2 Internal Headers )
  - 4x USB 3.2 Gen 2 Ports ( 4 Rear )
  - See specifications for more ports
- **Operating Temperature:** 0°C to 50°C (32°F to 122°F)

### Configuration summary:

- **Processor:** G4900 - 3.1GHz Intel Celeron CPU - Dual Core, 2MB Cache, UHD Graphics 610 (54W) (ERM) - or Better
- **Memory:** 8GB DDR4 2666MHz 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: MiniITX

### Supported CPU

- Number of Processors: 1
- Processor Type: 8th and 9th Gen Core i7/i5/i3 (LGA1151)

### Chipset

- Chipset: Intel H370 Chipset

### Memory

- Memory Type: DDR4 2400MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 32GB

### On Board Audio

- Audio Type: 7.1+2 Channel HD Audio by Realtek ALC892

### On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: Dual HDMI + DisplayPort
- Display Port Out: 1
- HDMI Out: 2

### LAN

- LAN Ports: 2
- LAN Type: 1GbE (10/100/1000)
- LAN Chipset: Intel i219V
- Second LAN Chipset: Intel i211AT
- Wireless LAN: Integrated Intel 802.11ac WiFi Module + Bluetooth 4.2 - Removable Under Networking Section

### Drive Interface

- SATA III Ports (6GB): 6
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

## Chassis Specifications:

### General

- Form Factor: Micro PC
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: Mini ITX
- Slide Rails: Optional

### Expansion

- Full Height Slots: 1
- Max Card Depth: 7.5"
- Internal 2.5" Bays: 2
- Serial Port Punchouts: 3
- Parallel Port Punchouts: 1
- Antennae Punchout: 2

### Front Ports

- USB 2.0 Ports (Front): 2

### Cooling System

- Maximum Fan Count: 2

### Physical

- Depth: 2.60"
- Depth (Inches): 2.6
- Width: 12.30"
- Height: 8.27"
- Shipping Box - Depth: 16"
- Shipping Box - Width: 16"
- Shipping Box - Height: 8"
- Shipping Weight: 11lbs

### Other Features

- Chassis Warranty: 1 Year

### Power

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

### **M.2 Slot Specs**

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2230 - 22 mm x 30 mm.
- 2242 - 22 mm x 42 mm.
- 2260 - 22 mm x 60 mm.
- 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
- USB 3.2 Gen 2 Type A Ports (on IO): 4
- Audio on IO

### **Headers**

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 3
- Chassis Intrusion
- TPM Support: Via 2.0 Header

### **Environmental**

- Operating Temperature: 0°C to 50°C (32°F to 122°F )
- High Humidity: 90%
- Low Humidity: 5%

### **Operating System Support**

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Value
- Windows 10 IoT Ent
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- LINUX Ubuntu Desktop

### **Compliance of Component**

- UL
- CE
- RoHS
- FCC

### **Other Features**

- Other Features:
  - 1 x PCI Express 3.0 x16 Slot (PCI-E1: x16 mode)\*
  - 1 x Vertical M.2 Socket (Key E) with the bundled WiFi-802.11ac module (on the rear I/O)
  - 1 x Ultra M.2 Socket, supports M Key type
  - 2230/2242/2260/2280 M.2 SATA3 6.0 Gb/s

module and M.2 PCI Express module up to Gen3  
x4 (32 Gb/s)\*\*

\*If M2\_1 is occupied by a  
SATA-type M.2 device,  
SATA3\_1 will be  
disabled.

**\*\*Supports**

Intel® Optane™

Technology

Supports NVMe SSD as

boot disks

Supports ASRock U.2 Kit

\*To configure 7.1 CH HD \* Access to PCI Express  
Audio, it is required to slot requires expansion  
use an HD front panel slot and a riser in some  
audio module and chassis models. Please  
enable the multi-channel check Chassis  
audio feature through Specification section for  
the audio driver. more information.

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

- Motherboard Warranty: 1 Year



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