

Microbox PC Embedded PC

Configuration Number: BASE CONFIG
SL-EB-LLQ370I-S18



(Not all images available on web site)

Type:

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

Motherboard:

- Featuring Intel Q370 Chipset and 8th and 9th Gen Core i7/i5/i3 Processors, LGA1151 processor
- **Long Production Cycle Motherboard (Through Q1 2032)**
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1
- **Video:** 1x DisplayPort + HDMI
- **Audio:** Realtek ALC888S HD Audio
- **Ports:**
 - 4x USB 2.0 Ports (2 Front, 2 Internal Headers)
 - 4x USB 3.2 Gen 2 Ports (4 Rear)
 - 4x COM Ports (2 RS232 Internal Headers, 2 RS232/422/485 Internal Headers)
 - See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°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 SODIMM RAM
- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** AC/DC Power Adapter Included
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2032

Supported CPU

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

Chipset

- Chipset: Intel Q370 Chipset

Memory

- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 32GB

On Board Audio

- Audio Type: Realtek ALC888S HD Audio

On Board Video

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

LAN

- LAN Ports: 2
- LAN Type and IPMI: 1GbE + 1GbE
- LAN Chipset: Intel i219-LM
- Second LAN Chipset: Intel i211AT
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 2
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Mini PCIe

- mini PCIe

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

- USB and PCIe signals (Internal)
- half and/or full size mini PCIe card: full size

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
 - PCIe Signal
 - 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
 - PCIe Signal
 - 2230 - 22 mm x 30 mm.

Rear IO

- USB 3.2 Gen 2 Type A Ports (on IO): 4

Headers

- USB 2.0 Ports (on Headers): 4
- Serial (via Headers): 2
- Serial 232/422/485 Ports: 2
- FAN Connectors: 1
- Digital I/O (8 Bit) On Headers
- Audio on Headers
- LVDS
- DC Power: 12V DC-in

Management Features

- AMT
- Watch Dog

Environmental

- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (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 Pro (64 Bit)
- Windows 11 IoT 2024 LTSC Value
- Windows 11 IoT 2024 LTSC High End
- LINUX Ubuntu Desktop

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Motherboard Warranty: 1 Year



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