

Microbox PC Embedded PC

Configuration Number: BASE CONFIG
SL-EB-LL2930J-S29-4LN



Completely Fanless

Type:

Microbox PC
Dimension: 193mm x 215mm x 45mm

Motherboard:

Featuring Intel Celeron SoC and Intel Celeron N2930 Processor (1.83GHz Quad Core, Burst 2.16GHz) TDP 7.5W

Long Production Cycle Motherboard (Through Q1 2019)

No Available Slots

LAN: 4x GB (10/100/1000)

Video: Internal VGA

Audio: No Onboard Audio

Ports:

5x USB 2.0 Ports (2 Front, 1 Rear, 2 via internal headers)

1x USB 3.0 Port (1 Rear)

2x COM Port (1 on Headers, 1 RS232/422/485 Rear)

See specifications for more ports

Operating Temperature: 0°C to 60°C (32°F to 140°F)

Also Included:

Memory: 4GB DDR3 1600MHz SODIMM RAM
[Upgradeable]

Hard Drive: 120GB mSATA SSD SATA 6.0Gb/s,
520/320MB/s read/write (or greater)
[Upgradeable]

Operating System: Not Included -

Warranty: One-Year Depot Warranty
[Upgradeable]

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX
- Fanless
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2019

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: SO DIMM DDR3 1333MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 8GB

On Board Audio

- Audio Type: No Onboard Audio

On Board Video

- Video Chipset: Intel HD Graphics
- Video on IO: Internal VGA

LAN

- LAN Ports: 4
- LAN Type: GB (10/100/1000)
- LAN Chipset: Intel i211AT
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA II Ports (3GB): 2

Expansion Slots

- PCI Express x1 Slots On Motherboard: 2

mini PCIe

- mSATA
- half and/or full size mini PCIe card: full size

Second mini PCIe

Chassis Specifications:

General

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

Expansion

- Internal 2.5" Bays: 1
- Serial Port Punchouts: 3
- Parallel Port Punchouts: 1

Front Ports

- USB 2.0 Port (Front): 2

Physical

- Depth: 193mm
- Depth (Inches): 7.6
- Width: 215mm
- Height: 45mm
- Shipping Box - Depth: 13"
- Shipping Box - Width: 9"
- Shipping Box - Height: 5"
- Shipping Weight: 5lbs

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Chassis Warranty: 1 Year

Power

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

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

Rear IO

- USB 2.0 Ports (on IO): 1
- USB 3.0 Ports (on IO): 1
- Serial 232/422/485 Ports: 1

Headers

- USB 2.0 Ports (on Headers): 4
- Serial (via Headers): 1
- FAN Connectors: 3
- Digital I/O (8 Bit) On Headers
- PS/2 Combo (Mouse/Keyboard) on Headers
- Chassis Intrusion

Environmental

- High Humidity: 90%
- Low Humidity: 5%

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
- 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 8.1 (32-bit)
- Windows 8.1 (64-bit)
- Windows 8.1 Pro (32-bit)
- Windows 8.1 Pro (64-bit)
- Windows Embedded 8 (32-bit)
- Windows Embedded 8 (64-bit)
- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 IoT Entry
- Windows 10 IoT Entry 2019 LTSC
- LINUX Ubuntu Workstation
- Ubuntu Server Edition

Compliance of Component

- UL
- CE
- RoHS
- FCC

Other Features

- Other Features:
2x PCI Express x1 Slot

1x Full size mSATA Slot

1x Full size mini PCI-E Slot

* 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.

- Motherboard Warranty: 2 Years

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