

SIB-A1230



4rd Gen. Intel® Core™ i5-4300U or Intel® Celeron™ 2980U (on board) or 4th Gen Intel® Core™ ULT + Lynx Point-LP

16x GB DDR3L 1600 MHz SDRAM

Up to 16 GB at 8 GB per SODIMM.

2 x 204 PIN DDR3 SODIMM (Non-ECC)

2.5 inch SATA HDD/SSD or mSATA

Integrated Intel HD Graphics

2x RS-232

2x USB 2.0 & 4x USB 3.0 Ports

2x 10/100/1000 Mbps with RJ-45

1x HDMI & 1x DP++

2x Mini-PCIe (1x Full-Size & 1x Half-Size, fullsize is mSATA shared)

AMI EFI 128 Mbit, SPI

Realtek ALC892, High Definition Audio(HD) 2x (Line-Out, Mic-In)

2x Power LED, HDD LED

Optional WiFi

1 Power Button

Economic embedded system with 5 yrs longevity

Easy opening design, quick installation for additional peripherals

Low power and low noise design

12V DC power input

13.8W (idle with Core i5); 31.92W (full load with Core i5)

Operating Temperature: 0 ~ 40° C (32 ~ 104° F)

Humidity: 10~85% @ 40°C, non-condensing

Ultra Thin design with 35mm in height

250 x 35 x 190 mm (9.84" x 1.38" x 7.48")

Ultra Thin Embedded Mini-ITX Box. Economic embedded system with 5 yrs longevity. Easy opening design, quick installation for additional peripherals. *ff* Shock-resistant 2.5" drive bay.*ff* Low power and low noise design.*ff* Locking type DC power jack

Specifications

Processor:
4rd Gen. Intel® Core™ i5-4300U or Intel® Celeron™ 2980U

Real Time Clock:

Memory
Random Access Type:

DDR3L 1600 MHz SODIMM

BIOS/ Bootloader:

AMI EFI

Primary Flash:

2.5 inch SATA HDD/SSD

Secondary Flash:

mSATA

Memory Misc.:

Up to 16GB DDR3L in 2 SODIMM modules

Primary I/O
Video Out:

HDMI & DP++

Audio:

Realtek ALC892

High Definition Audio(HD) 2x (Line-Out

Mic-In)

Ethernet:

2x 10/100/1000 Mbps with RJ-45

USB:

2x USB 2.0 & 4x USB 3.0 Ports

Serial Ports:

2x RS-232

Watchdog:

Secondary I/O
LPT Port:

Keypad:

PS/2:
Expansion
Bus:
2x Mini-PCIe (1x Full-Size & 1x Half-Size)

Analog
A/D:
D/A:

Dimensions
Dimensions:
9.84 × 1.38 × 7.48 in

Weight:
1.8 kg
Dimensions Misc.:
250 x 35 x 190 mm (9.84" x 1.38" x 7.48")

Power Requirements
Voltage:
12 V

Environmental
Low Operating Temperature:
0 C
High Operating Temperature:
40 C
Upper Operating Humidity:
85%
Environmental Misc.:
0 ~ 40° C (32 ~ 104° F)
10~85% @ 40°C, non-condensing

Pricing
SIB-A1230-000-R
AIMB-B12300, 4rd Gen. Intel® Core™ Celeron™ 2980U, 2xRS232, 2xUSB2, 4xUSB3, 2x Gig-LAN, Audio, HDMI/DP & DP++
\$415.00
Order:
0
Parent Product:

SIB-A1235-000-R
AIMB-B12305, 4th Gen Intel® Core™ i5-4300U, 2xRS232, 2xUSB2, 4xUSB3, 2x Gig-LAN, Audio, HDMI/DP & DP++
\$924.00
Order:
0
Parent Product:

Power Supply:
12V DC power input
Cables & Adapters:
CAB-80-001-1
CABLE POWER 110V AC GND OUTLET
\$3.00

PER-PWR-00088

1757003064 Adapter DC 12V @ 7A for 84W, AC: 100-240VAC, 1.3A 50-60Hz

\$40.00

Disk Interface:

SATA III

Source URL: <https://www.emacinc.com/content/sib-a1230-3>