

SIB-KA101



Intel® Atom™ D2550 Dual Core 1.86 GHz

Up to 4 GB DDR3 1066 MHz (1x 204-pin SODIMM)

1x RS232 and 1x RS232/422/485

2x USB 3.0, 2x USB 2.0

2x 10/100/1000 Mbps Intel® 82583V Ethernet controller

AMI EFI BIOS

4x Digital In/Out TTL optional

255 levels timer interval, setup by software

1x full size MINI PCIe

SATA 2.5" HDD/SSD (Compatible with 12.5 mm height HDD)

10,8 V DC to 28,8 V DC

AC to DC 24 V / 2,5 A (60W) optional

16 Watt (with Intel® Atom™ D2550 at 1.8 GHz)

Aluminum housing

DIN RAIL, Desktop, Wall, Cabinet, VESA Mounting

Fanless, Solid State Discs

Battery-free

210 x 65 x 140 mm (8.27" x 2.56" x 5.51")

2.5 kg (5.51 lb)

Wide Temperature

Operating Temperature: With extended temperature peripherals: -10°C to 60°C (14°F to 140°F)

Storage Temperature: -40°C to 85°C (-40°F to 185°F)

Humidity: 95% @ 40°C (non-condensing)

The Manufacturer's SIB-KA101 can be used for various applications including medical, gaming, process control and various embedded applications. The SIB-KA101 is specifically designed for use within harsh and industrial environments. The fanless Box PC SIB-KA101 features long life SBCs, based on the latest Intel® embedded low power Atom™ Processor D2550, ultra slim design and low power consumption. Due to the extensive amount of on board I/Os and extensions like 2x GB LAN, 2x USB 2.0, 2x USB 3.0, 2x COM, 1x CAN SJA1000, expandability by mSata and Mini PCI_e SIB-KA101 enables connectivity for most applications. Long term availability, easy maintenance and serviceability protect your investment. These embedded Box PC save power and space and offer efficient performance ideal for factory automation.

Specifications

Processor:

Intel® Atom™ D2550 Dual Core

Clock Speed:

1.86 GHz

Real Time Clock:

Memory

RAM type:

DDR3 1066 MHz SODIMM

BIOS/ Bootloader:

AMI EFI BIOS

Primary Flash:

mSATA

Secondary Flash:

1x 2.5 Inch SATA SSD/HDD (up to 12.5mm height)

Primary I/O

GPIO:

4x DIO

Video Out:

HDMI/DP

Ethernet:

2x 10/100/1000 Mbps Intel® 82583V Ethernet controller

USB:

2x USB 3.0 & 2x USB 2.0 Ports

Serial Ports:

1x RS232

(1x RS232/422/485 2nd COM)

Watchdog:

Secondary I/O

LED Out:

Keypad:

PS/2:

Expansion

Bus:

1x Mini-PCIe Full-Size

Analogue

D/A:

Dimensions

8.27 × 2.56 × 5.51 in

Weight:

2.5 kg

Dimensions Misc.:

210 x 65 x 140 mm (8.27” x 2.56” x 5.51”)

Power Requirements

10.8 V

Power Misc.:

10.8 V DC to 28.8 V DC

Environmental

Low Operating Temperature:

-10 C

High Operating Temperature:

60 C

Upper Operating Humidity:

95%

Environmental Misc.:

-10°C to 60°C (14°F to 140°F)

95% @ 40°C (non-condensing)

Pricing

SIB-KA101-200-R

KBox-A-101, Intel® Atom™ D2550 Dual Core 1.86 GHz, 2GB RAM, 2x COM, 4x DIO, 2x Gig LAN, HDMI/DP

\$499.00

Order:

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Parent Product:

SIB-KA101-400-R

KBox-A-101, Intel® Atom™ D2550 Dual Core 1.86 GHz, 4GB RAM, 2x COM, 4x DIO, 2x Gig LAN, HDMI/DP

\$546.00

Order:

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Parent Product:

Power Supply:

10.8 V DC to 28.8 V DC

Disk Interface:

2.5 inch SATA HDD/SSD & mSATA

Source URL:

