Published on EMAC Inc. (https://www.emacinc.com)
Source URL: https://www.emacinc.com/content/sib-a6523

SIB-A6523

Intel® AtomTM N2600 Dual Core 1.6GHz

2GB DDR3 SODIMM

1x RS-232/422/485, 3x RS-232

4x USB 2.0 Ports

2x Gigabit Ethernet with RJ-45 connector

1x VGA

1x 2.5’ SATA 2 (3.0Gb/s) HDD drive bay

1x Mini Card Slot

CFastTM slot x 1 (w/ cover protection)

Power ON/OFF

Power LED x 1, Hard disk active LED x 1, CFast™ slot x 1, Antenna hole x 2

DC power input DC 9-30V w/ 3-pin terminal block

8.35”(W) x 3.1”(H) x 2.25”(D)

Operating Temperature With W/T HDD:

No Airflow: -22°F ~ 149°F (-30°C ~ 65°C)

Ambient with Airflow: -22°F ~ 158°F (-30°C ~ 70°C)

Operating Temperature With W/T Cfast:

No Airflow: -40°F ~ 131°F (-40°C ~ 55°C)

Ambient with Airflow: -40°F ~ 140°F (-40°C ~ 60°C)

Storage Humidity: 5~ 50% @ 70°C, non-condensing (Ambient with Airflow)

The manufacturer introduces the newest product in the Boxer series, SIB-A6523, which utilizes the Intel® Atom™ N2600 processor: this embedded controller expands its graphics performance greatly with the newest generation of Atom™ processors. In this era of information explosion, the advertising of consumer products will not be confined to the family television, but will also spread to high-traffic public areas, like department stores, the bus, transportation station, the supermarket etc. The advertising marketing industry will resort to every conceivable mean to transmit product information to consumers. System integrators will need a multifunction device to satisfy commercial needs for such public advertising. The SIB-A6523 is a standalone high performance controller designed for long-life operation and with high reliability. It can replace traditional methods and become the mainstream controller for the multimedia entertainment market.

Specifications

Processor:
Intel® AtomTM N2600 Dual Core
Clock Speed:
1.6 GHz
Real Time Clock:

Memory

RAM Type:
DDR3 SODIMM
BIOS/ Bootloader:
AMI BIOS
Primary Flash:
1x CFastTM slot
Secondary Flash:
2.5 Inch SATA HDD

Primary I/O

Video Out:
1x VGA
Ethernet:
2x 1 Gig Ethernet with 2x RJ-45 Connector
USB:
4x USB 2.0 Ports
Serial Ports:
1x RS-232/422/485
3x RS-232
Watchdog:

Secondary I/O

LPT Port:
Keypad:
PS/2:

Expansion

Bus:
1x Mini Card Slot

Analog

A/D:
D/A:

Dimensions

Dimensions:
8.35 × 3.1 × 2.25 in
Weight:
8.36 lb

Power Requirements

Voltage:
9 V
Power Misc.:
DC power input DC 9-30V w/ 3-pin terminal block

Environmental

Low Operating Temperature:
-30 C
High Operating Temperature:
65 C
Environmental Misc.:
Operating Temperature With W/T Cfast: -40°F ~ 131°F (-40°C ~ 55°C)

Pricing

SIB-A6523-000-R
AEC-6523-A1M, Intel Atom N2600, 4x COM, 4x USB2, 2x Gig LAN, VGA
$795.00
Order:
0
Parent Product:

Power Supply:
9-30V DC
Disk Interface:
SATA

Source URL: https://www.emacinc.com/content/sib-a6523