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SIB-A2121



Intel® Celeron™ J1900 or Intel® Atom™ E3845 Quad Core

Up to 8GB RAM

Up to 6x RS-232/422/485 with auto flow control

Up to 6x USB (1xUSB3.0 all remaining are USB2.0)

Up to 6x LAN (2x10/100/1000 Mbps & 4x 10/100 PoE Ports)

Up to 4x Full-size Mini PCIe (2x with SIM Holder, 1x mSATA support, 1x WLAN Module support)

HDMI & VGA Dual Display

2x SATA (mSATA & 2.5" SATA Storage Device)

Up to 8x GPIO

2x Full Size Mini PCIe

PS/2

Audio HD Line-in, Line out, mic-in

AMI EFI BIOS

Watchdog Timer

Real Time Clock

-20 ~ +70° C Extend Operating Temperature

95% @ 40°C (non-condensing)

9 ~ 36V Wide Range Power Input

10.41 x 2.69 x 5.24"

SIB-A2121 is an industrial grade qual core mobile device for outdoor NVR solution. SIB-A2121 support HD NVR solution for and is fully integrated certified hardware and intelligent management software design. Well-developed vehicle software SDK and APIs for surveillance applications. Also, extension capacity and wireless communcation (Wi-fi/3G /mSATA) for excellent connectivity, high graphic power (Up to 1080P@ 120fps) for video preview, and integrated software for manageability and security.

Specifications

Processor:
Intel® Atom™ E3845 or Celeron™ J1900 Quad Core
Clock Speed:
2 GHz
Real Time Clock:

Memory

RAM Type:
DDR3L 1333 MHz SODIMM module
BIOS/ Bootloader:
AMI EFI
Primary Flash:
mSATA
Secondary Flash:
2.5 SATA HDD or SSD

Primary I/O

GPIO:
Up to 8x DIO
Video Out:
HDMI & VGA
Audio:
Audio HD Line-in
Line out
mic-in
Ethernet:
Up to 6x LAN
USB:
Up to 6x USB
Serial Ports:
Up to 6x RS-232/422/485
Watchdog:

Secondary I/O

LPT Port:
Keypad:
PS/2:

Expansion

Bus:
4x Mini PCIe (used by Wireless Options)

Analog

A/D:
D/A:

Dimensions

Dimensions:
10.41 × 2.69 × 5.24 in
Weight:
5.07 lb

Power Requirements
Voltage:
9 V
Typical Current:
1.5 A
Typical Voltage:
12 V
Power Misc.:
9 ~ 36 V Wide Range

Environmental
Low Operating Temperature:
-20 C
High Operating Temperature:
70 C
Upper Operating Humidity:
95%
Environmental Misc.:
95% @ 40°C (non-condensing)

Pricing
SIB-A2121-F00-R
ARK-2121F, Intel® Celeron™ J1900 QC, 6xRS232/422/485, 1xUSB3, 5xUSB2, 2xGig LAN, VGA&HDMI
$842.00
Order:
0
Parent Product:

SIB-A2121-L00-R
ARK-2121L, Intel® Celeron™ J1900 QC, 2xRS232, 2xRS232/422/485, 1xUSB3, 3xUSB2, 2x Gig-LAN, VGA & HDMI
$759.00
Order:
0
Parent Product:

SIB-A2121-S00-R
ARK-2121S, Intel® Atom™ E3845 QC, 2xRS-232/422/485, 1xUSB3, 3xUSB2, 2xGig LAN, 4xPOE, 6xDI, 2xDO, VGA & HDMI
$1,090.00
Order:
0
Parent Product:

SIB-A2121-V30-R

ARK-2121V-S3, Intel® Atom™ E3825 DC, 2xRS-232/422/485, 2xRS-232/422/485, 1xUSB3, 3xUSB2, 2xGig LAN, 6xDI, 2xDO, VGA & HDMI
$1,269.00
Order:
0
Parent Product:

SIB-A2121-V90-R
ARK-2121V-S9, Intel® Atom™ E3845 QC, 2xRS-232/422/485, 1xUSB3, 3xUSB2, 2xGig LAN, 4xPOE, 6xDI, 2xDO, VGA & HDMI
$1,390.00
Order:
0
Parent Product:

Power Supply:
9 ~ 36 V Wide Range
Disk Interface:
2x SATA
Wireless:
Optional

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