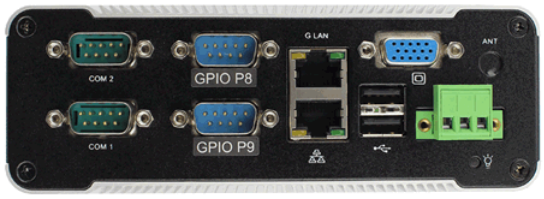
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SIB-DP30V





Vortex86DX2 933 MHz

1GB/2GB DDR2 RAM Onboard

2x RS-232/422/485

3x USB 2.0 Ports

10/100/100 LAN and 10/100 LAN

16-BIT GPIO

AMI BIOS

VGA

1x SD Slot

1x SATA

SD, SDHD Support (Internal)

SATA DOM Support (Internal)

TTL Level RS-232 (Optional)

DIN Rail Mounting Support

Auto Power On

WiFi (Optional)

DC +8 ~ +24V (Pluggable Terminal Block, 3-Pin 5.00 mm Pitch)

152 x 104 x 54mm

5 ~ 50°C

The DIN PC-333x Series is an innovative device that provides a perfect balance between performance and energy efficiency. The DIN PC-333x is Fanless designed with wide operating temperature range of up to 50°C, making it suitable in warehouse and factory environments. The low power design is ideal for M2M, IOT and Industrial Automation applications where constant on operations are required. The DIN PC-333x Series features DMP ultra low power 933MHz Vortex86DX2 CPU, Onboard 1GB / 2GB DDR2 RAM, two independent Ethernet, and various I/O ports. Supported operating systems such as Microsoft Windows Embedded and Linux OS, users can integrate applications easily with a platform that provides versatile functions to fulfill diverse requirements. With compact dimensions of 152 x 104 x 54 mm (W x H x D), the DIN PC-333x Series fits in small control boxes, as well as directly in a machine or the machine stand. With DIN rail form factor, it supports DIN rail in top hat rail section EN 50022 version. All DIN PC-333x Series' interfaces are on the front side, so it can be cabled up easily. The DIN PC-333x Series is an ideal choice for embedded controllers used in IOT, Machine to Machine "M2M" and for other industrial automation applications. While multiple the network connections makes it easy to setup an IOT gateway on existing platforms, while adding the optional WIFI can extend the gateway to connect to newer devices.

Specifications

Processor:
Vortex86DX2
Clock Speed:
933 MHz
Real Time Clock:

Memory

RAM Type:
DDR2 (Up to 2GB DDR2)
BIOS/ Bootloader:
AMI BIOS
Primary Flash:
1x SATA SSD or DOM
Secondary Flash:
1x SD Slot (Internal)

Primary I/O

GPIO:
2x 8-bit
SDIO:
16-Bit GPIO (optional)
Video Out:
VGA
Ethernet:
1x 10/100/1000 and 1x10/100 Ethernet
USB:
3x USB 2.0 Ports
Serial Ports:
2x RS-232/422/485 (GPIO Optional)
Watchdog:

Secondary I/O

LPT Port:
Keypad:
PS/2:

Expansion

Bus:

Internal USB for WIFI

Analog

A/D:

D/A:

Dimensions

Dimensions:

6 × 4.1 × 2.13 in

Weight:

760 g

Power Requirements

Voltage:

8 V

Power Misc.:

DC +8 ~ +24V (Pluggable Terminal Block, 3-Pin 5.00 mm Pitch)

Environmental

Low Operating Temperature:

5 C

High Operating Temperature:

50 C

Environmental Misc.:

5 ~ 50°C

Pricing

SIB-DP30V-202-R

D-3330-C2G2, Vortex86DX2 933MHz CPU, 1GB RAM, 2-RS232, 3xUSB2, 1x LAN, 1xGigLAN, 16x GPIO, VGA

$235.00

Order:

0

Parent Product:

SIB-DP30V-152-R

D-3330-851C1G2, Vortex86DX2 933MHz CPU, 1GB RAM, 1xRS232, 1xRS485, 3xUSB2, 1x LAN, 1xGigLAN,16xGPIO, VGA

$235.00

Order:

0

Parent Product:

SIB-DP30V-270-R

D-3330-851221C2, Vortex86DX2 933MHz CPU, 1GB RAM, 1xRS-422, 1xRS-485, 3xUSB2, 1x LAN, 1xGigLAN, 16x GPIO, VGA

$249.00

Order:

0

Parent Product:

SIB-DP32V-202-R

D-3332-C2G2, Vortex86DX2 933MHz CPU, 2GB RAM, 2-RS232, 3xUSB2, 1x LAN, 1xGigLAN, 16x GPIO, VGA

$256.00
Order:
0
Parent Product:

SIB-DP32V-152-R
D-3332-851C1G2, Vortex86DX2 933MHz CPU, 2GB RAM, 1xRS232, 1xRS485, 3xUSB2, 1x LAN, 1xGigLAN,16xGPIO, VGA
$256.00
Order:
0
Parent Product:

SIB-DP32V-270-R
D-3332-851221C2, Vortex86DX2 933MHz CPU, 2GB RAM, 1xRS-422, 1xRS-485, 3xUSB2, 1x LAN, 1xGigLAN, 16x GPIO, VGA
$264.00
Order:
0
Parent Product:

Disk Interface:
1x SATA
Wireless:
Optional

Source URL: https://www.emacinc.com/content/sib-dp30v