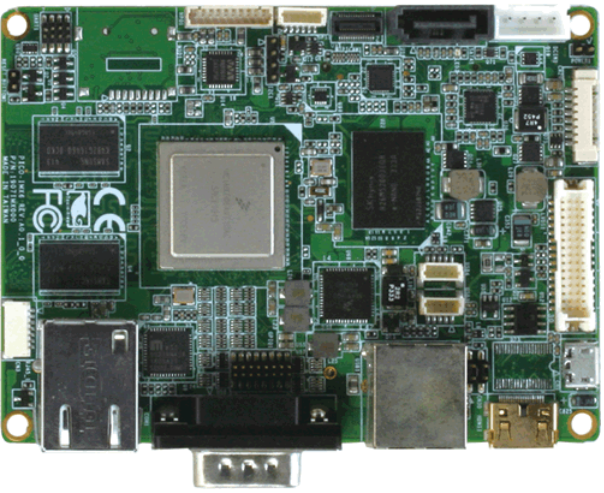
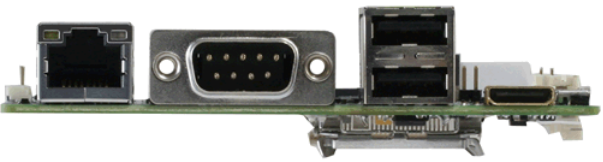
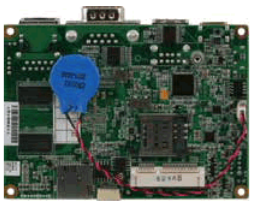
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PICO-IMX6







Onboard Freescale® iMX6 DualLite Commercial/ Quad Automotive ARM Cortex A9

1GB DDR3 Onboard 533MHz (1066 MT/s)

4GB eMMC (Up to 16GB)

4x USB 2.0 Host, 1x OTG

1x Gig Ethernet with RJ45

LVDS/HDMI

1x LVDS 18-bit 1 Channel

Mini HDMI up to 1080p

LVDS up to 1920 x 1080 (Default at 1024 x 768)

HDMI up to 1080p

LCD up to 1024 x 768

Audio: I2S, WM8962B (speaker out, Mic-In)

1x 4-wire UART

SATA

8x GPIO

I2S, WM8962B (speaker out, Mic-In)

18-bit Single-Channel LVDS / Mini HDMI

Watchdog Timer

1x MicroSD card

1x CAN

1x I2C

1x Mini PCIe-Card Slot (Quad Board Only)

Chipset: Freescale IMX6

Power Requirement: 12 V

Operating Temperature:0 ~ 60°C (32 ~ 140 °F) Optional: -40 ~ 85°C

Operation Humidity: 0% ~ 90% relative humidity, non-condensing

Pico-ITX, P-ITX or 2.5" SBC form factor

Dimensions: 100 x 72mm (3.94 x 2.76”)

Weight: 0.88 lb

PICO-IMX6 is a 2.5” SBC (Single Board Computer) that is PICO-ITX sized with ARM Cortex-A9 Freescale i.MX6 Dual 1 GHz processor or Automotive Quad 1.0 GHz Processor. The PICO-IMX6 can support 1 GB DDR3 and 16 GB eMMC onboard flash, LVDS, and mini-HDMI display mode, 1 UART, 2 USB2.0 Host 1 USB2.0 OTG, 1 GbE, 1 SD and MiniPCIe and SIM slot. The PICO-IMX6 focuses on display application and It provides high performance and low power consumption from its ARM® Cortex™ A9 architecture which is ready-to-run, compact, and easy-to-expand in order to meet customers' versatile needs. With flexible I/O interfaces and complete hardware and software solutions, PICO-IMX6 is a fast time-to-market platform for customers to develop their applications and products easily.

Specifications

SBC Type:
p.ITX

Processor

Processor:
Onboard Freescal® iMX6 DualLite Commercial / Quad Automotive ARM Cortex A9
Clock Speed:
1 GHz
Real Time Clock:

Memory

Primary Flash:
4GB eMMC (Up to 16GB- build to order option)

Primary I/O

GPIO:
8x GPIO
Disk Interface:
SATA
Video Out:
18-bit Single-Channel LVDS / Mini HDMI
Audio:
I2S
WM8962B (speaker out
Mic-In)
Ethernet:
1x Gig Ethernet with RJ45 Connector
USB:
5x (4x USB 2.0 Host
1x OTG)
Serial Ports:
1x 4-wire UART
Watchdog:

Secondary I/O

CAN:
1x can
LPT Port:
Keypad:
PS/2:

Analog on

A/D:
A/D Channels:
N/A
D/A:
D/A Channels:
N/A

Dimensions

Dimensions:
3.94 × 2.76 in
Weight:

0.88 lb

Form Factor:

Pico-ITX

Dimensions Misc.:

Pico-ITX, P-ITX or 2.5" SBC form factor 100 x 72mm (3.94 x 2.76”)

Power Requirements

Voltage:

12 V

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Upper Operating Humidity:

90%

Pricing

PICO-IMX6-A10-0001

Freescale IMX6 Quad Automotive Grade 1GB DDR3L/SATA/4GB eMMC/GPIO/USB/CAN/I2C/MiniCard Slot/Audio/Mini HDMI

$250.00

Order:

0

Parent Product:

PICO-IMX6-A10-0002

Freescale IMX6 Dual Lite Consumer Grade1GB DDR3L/GPIO/USB/CAN/I2C/Audio/Mini HDMI

$216.00

Order:

0

Parent Product:

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