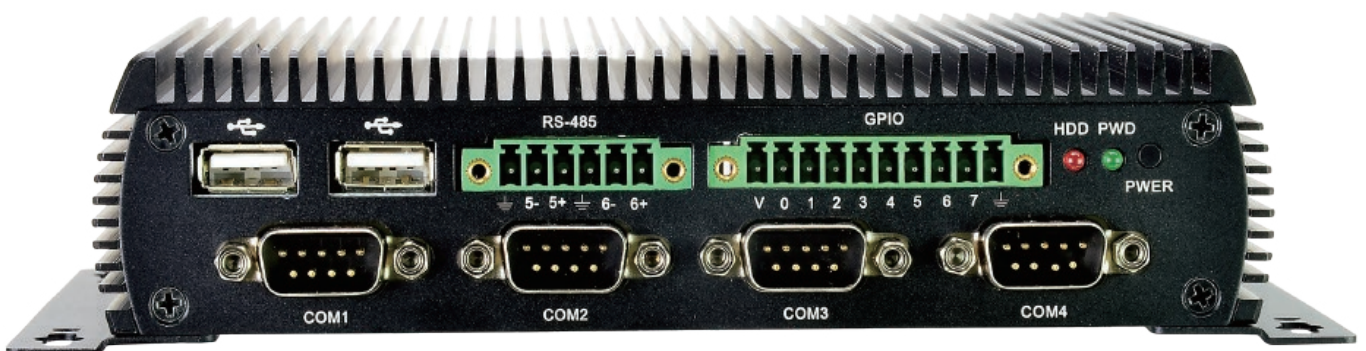
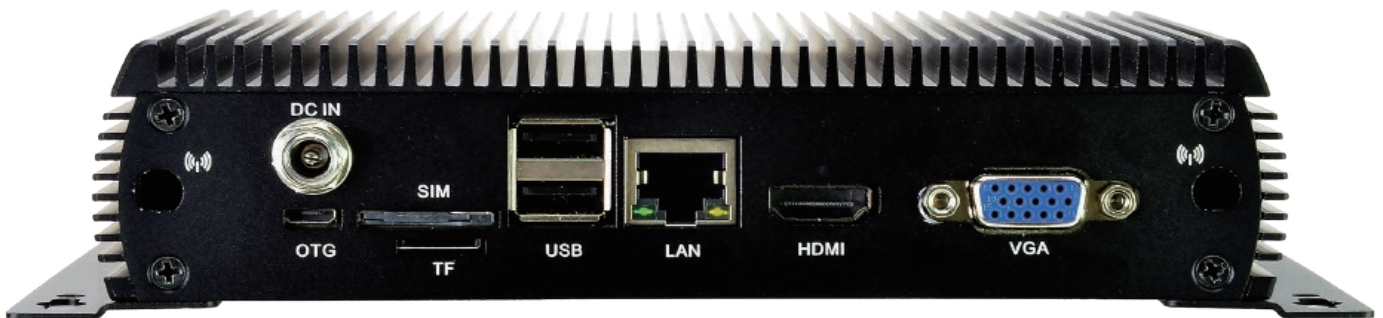


BPC-iMX6Se-01 Industrial Computer



Fanless Embedded Box PC Based on NXP i.MX 6 Series CPU with RS232/485, Dual Display and GPIO Function:

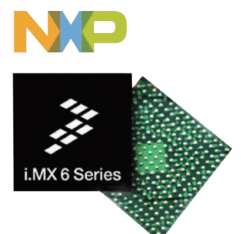


Overview:

The BPC-iMX6Se-01 is a small form factor fanless embedded PC based on NXP i.MX 6 Series processors. The system supports one Gigabit LAN, four RS232, one RS485, eight port GPIO, and also a wide array OS options including Yocto embedded Linux, Ubuntu Linux and Android, making it well-suited to a range of in-field applications. The rich I/Os and slim fanless design fits perfectly for digital signage, kiosk, network security, IoT gateway and other industrial computer applications.

Main Feature:

- NXP i.MX 6DualLite 1.0Ghz (NXP i.MX 6Solo/NXP i.MX 6Dual/NXP i.MX 6Quad optional)
- Onboard 1GB DDR3 RAM and 8G eMMC (default)
- Support 1 x mini PCIe, 4 x RS232, 1 x RS485, 8 x GPIO
- Support dual display: VGA/HDMI
- Supports Yocto 2.5.2, Ubuntu 16.04, Android 9.0
- Slim vent-hole free with dustproof and fanless aluminum enclosure



Specifications

System

Processor	NXP i.MX 6DualLite 1.0Ghz (Default) Also support NXP i.MX 6Solo/NXP i.MX 6Dual/NXP i.MX 6Quad
Architecture	ARM Cortex-A9
Memory	Onboard 1GB DDR3(Default), up to 2GB
Storage	eMMC 8GB Default, 16GB/32GB(option)
OS	Yocto 2.5.2, Ubuntu 16.04, Android 9.0

Connectivity

Gigabit Network	1 x 10Mbps/100Mbps/1000Mbps RJ45
WiFi	1 x 2.4GHz WiFi, support IEEE 802.11 b/g
Bluetooth	1 x 2.4GHz WiFi and BT V2.1/ V3.0/ V4.0 (optional), support IEEE 802.11 b/g/n

External Connectors

USB Host	4 x Type A USB2.0
SIM Card Slot	1 x SIM slot
SD Card Slot	1 x Micro SD card slot
USB OTG	1 x Micro USB
RS-232 COM	4
RS-485	1
GPIO	8

Internal Connectors

SATA	2
Mini PCIE	1 full length mini PCIE

Display

VGA	1
HDMI	1

Power Supply

Power Input	DC 12V/2A
Power Consumption	Depending on Configuration

Mechanical & Environment

Enclosure Material	Stainless Steel + Aluminum
IP Rating	IP69K
Dimension	169.42 (W) x 38.9 (H) x 124 (D) mm
Size	146mm x 102mm (L x W)
Gross Weight	780 grams
Operating Temp.	Industrial: -20° to +70° C
Relative Humidity	10 to 90 %
MTBF	>50 000 Hours
Shock	15G half-sine 11 ms duration
Vibration	1 Grms random 5-500Hz hr/axis
Certification	Compliant with CE / FCC / RoHS / REACH directives

Safety Instruction:

To avoid malfunction or damage to this product please observe the following:

- Disconnect the device from the DC power supply before cleaning. Use a rag. Do not use liquid detergents or spray-on detergents.
- Keep the device away from moisture.
- During installation, put the device on a reliable table. It will be damaged if you drop it.
- Before connecting the power supply, ensure that the voltage is in the required range.
- Put the power cable in place to avoid stepping on it.
- If the device is not used for a long time, power it off to avoid damage caused by sudden overvoltage.
- For safety reasons, the device can only be disassembled by professional personnel.
- Do not place the device in a place where the ambient temperature is below -40°C or above 85°C . This will damage the machine. It needs to be kept in an environment at controlled temperature.

Contact Us:

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