BPC-RK3399-01

Box PC Based on Rockchip RK3399
2 x Cortex-A72 + 4 x Cortex-A53 Processor

Overview:

The BPC-RK3399-01 is a versatile and powerful industrial-grade box PC powered by the Rockchip RK3399 processor. With its rich I/O interfaces and support for various operating systems, this box PC is ideal for embedded systems, IoT applications, and digital signage.

Main Features:

- Rockchip RK3399 2 x Cortex-A72 + 4 x Cortex-A53 processor
- Onboard 2GB/4GB LPDDR4, 16GB~512GB eMMC
- Android 8.1, Ubuntu 20.04 operating system
- 1 x HDMI OUT, 1 x HDMI IN, 1 x DP OUT, 1 x Headphone, 1 x Mic IN
- 1 x LAN, WIFI 2.4G/5G (WIFI6), BT, 1 x Mini PCIe, 1 x Micro SIM card slot
- 2 x USB 2.0, 1 x USB 3.0, 1 x Type-C, support RTC and Watchdog

Specification:

System	
Platform	Rockchip ARM Platform
CPU	Rockchip RK3399 2 x Cortex-A72 + 4 x Cortex-A53 Processor
Memory	Onboard 2GB LPDDR4, up to 4GB
Storage	Onboard 16GB eMMC, up to 512GB
GPU	Mali-T860 GPU
Operating System	Android 8.1、Ubuntu 20.04
Video & Audio	
Display	1 x HDMI OUT
	1 x HDMI IN
	1 x DP OUT
Audio	1 x Headphone (support 2-ring and 3-ring plug)
	1 x Mic IN
Communication	
LAN	1 x LAN, 10/100/1000Mbps
WIFI & BT	WIFI 2.4G/5G，WIFI6，BT
Mini PCIe	1 x MINI PCIe (support 4G)
SIM Card Slot	1 x Micro SIM card slot
Other Interfaces & Functions	
USB	2 x USB 2.0
	1 x USB 3.0
	1 x TYPE-C （USB 2.0 OTG)
RTC	Support
Watchdog	Support
Power & System Control	
Power Supply	Support DC 12V input
System Control	1 x PWR switch
	1 x PWR LED
Mechanical & Environment	
Size	158 x 100 x 25mm
Operating Temp.	-20℃~60℃
Storage Temp.	-40℃~85℃

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 $0°C$ or above $70°C$. This will damage the machine. It needs to be kept in an environment at controlled temperature.

Contact Us:

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