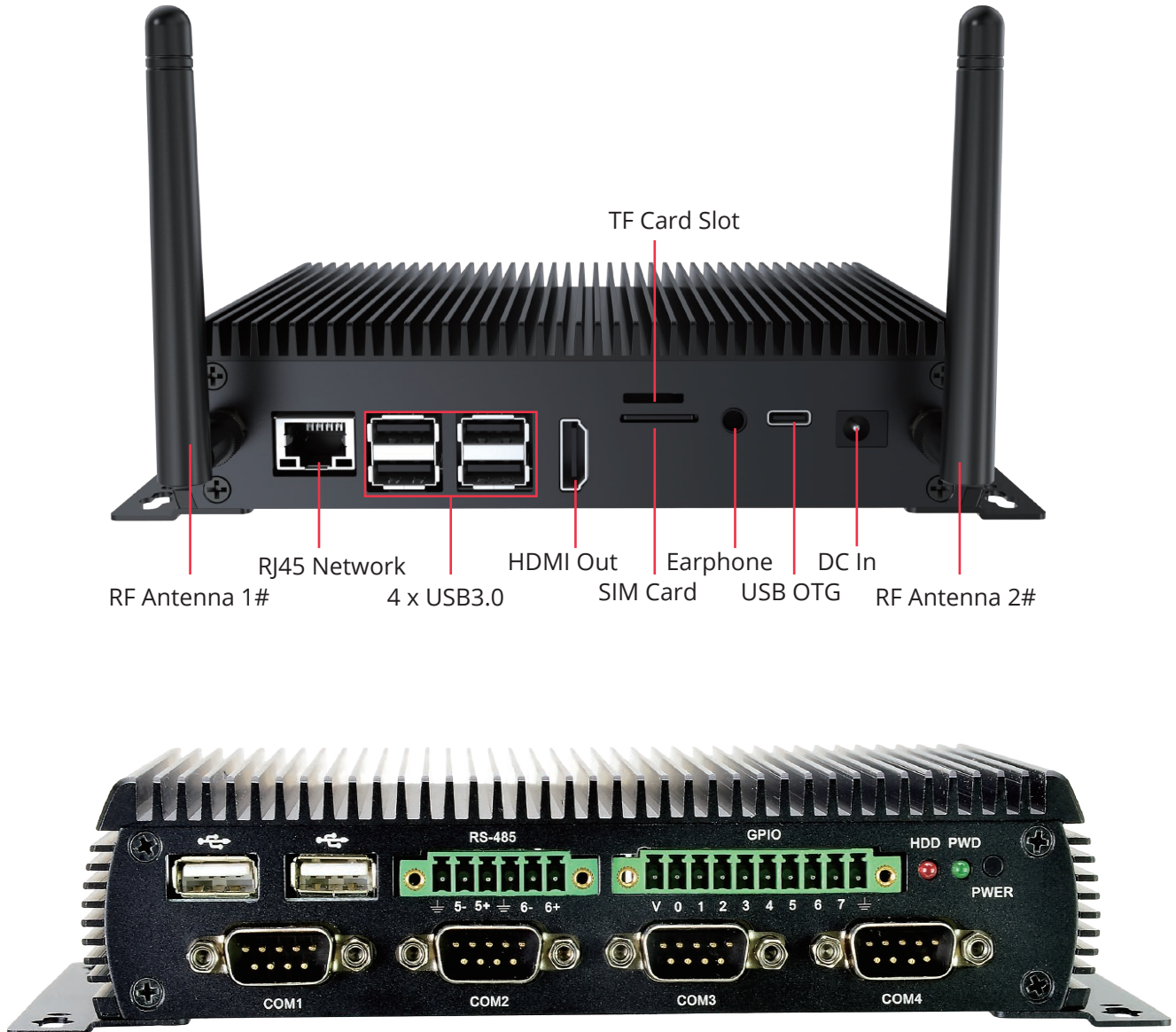


BPC-RK3399-02



Embedded Box PC Based on Rockchip RK3399 CPU:



Overview:

The BPC-RK3399-02 is a robust and versatile industrial computer designed to excel in demanding environments. Powered by the Rockchip RK3399 processor, it delivers exceptional performance for applications requiring high-resolution graphics, extensive connectivity, and rugged durability.

Main Features:

- RK3399 Dual-core Cortex-A72 + Quad-core Cortex-A53
- 2GB/4GB memory, 32GB eMMC5.1 (8GB/16GB/64GB optional)
- Android 8.1, Ubuntu 20.04 operating system
- IP69K rating for protection against water, dust, and extreme temperatures
- Stainless steel and aluminum enclosure for durability and reliability



Specification:

System	
CPU	RK3399 Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.4GHz
GPU	Mali-T860MP4 GPU, support OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
Memory	Onboard 4GB, 2GB optional
Storage	eMMC5.1 32GB Default, 8GB/16GB/64GB optional
Operating System	Android 8.1, Ubuntu 20.04
Connectivity	
LAN	1 x RJ45 RTL8211E
WiFi	1
Bluetooth	1
External Connectors	
USB Host	4 x Type-A USB3.0, 2 x Type-A USB 2.0
SIM Card Slot	1 x SIM
TF Card Slot	1 x TF card slot
USB OTG	1 x Type-C USB
Earphone	1 x ϕ 3.5mm Earphone out, with Mic in
RS-232 COM	4
RS-485	2
GPIO	8
Internal Connectors	
Mini PCIe	1 x Mini PCIe Slot For 4G Module
Display	
HDMI	1
Power	
Power Input	12V/2A DC IN
Mechanical & Environmental	
Enclosure Material	Stainless Steel + Aluminum
IP Rating	IP69K
Dimensions	169.42 x 38.9 x 124mm (W x H x D)
MB Size	145 x 102mm (L x W)
Gross Weight	780 grams
Temperature	Industrial: -20~70°C
Relative Humidity	10 to 90 %

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.

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