



10.1" Industrial Embedded Panel PC based on RK3288 Quad Core CPU

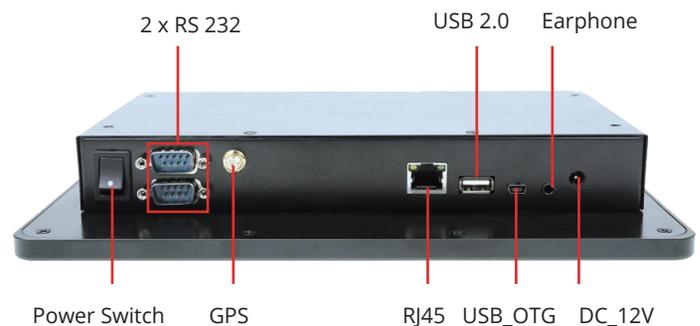
Features:

- Rockchip RK3288 ARM Cortex-A17 Quad Core CPU
- Onboard 2GB DDR3 RAM(up to 4GB) and 8GB eMMC(up to 128GB)
- 10.1" LCD screen with multi-touch capacitive touch panel
- Operating Temperature 0C ~ 60C
- Resolution: 1280 x 800
- 1 x DB9, 1 x RS232, 2 x USB type A port
- 1 x WIFI, 1 x LAN
- Supporting Android 7.1, Debian 9



Panel Features:

PPC-RK3288-1001 is an industrial grade 10.1" touch panel pc with fanless design. It is based on Rockchip 3288 Quad-core CPU with onboard 2GB RAM and 8GB Storage with expandability up to 4G RAM and 32G eMMC. Featuring sturdy structure and responsive touch screen, PPC-RK3288-1001 is a great option for wide range of applications like POS terminal, KIOSKS, games, Medical apparatus, Security system, factory automation and machine vision.



Specification:

System	
CPU	RK3288 Quad Core Cortex-A17
GPU	Mali-T764
Memory	Onboard 2GB RAM (up to 4GB)
Storage	Onboard 8GB eMMC (16GB, 32GB optional)
Operating System	Android 7.1, Linux Debian 9
Display & Touch Panel	
Screen Size	10.1 Inch
Screen Type	16:10
Display Resolution	LCD-1280x800
Luminance	300
Contrast Ratio	800:1
Display Color	RGB-stripe
Backlight	TFT-LCD
Touch Panel	Multi-touch Capacitive Panel
External I/O	
Ethernet	1 x RJ45, RTL8211E GbE
Wifi & Bluetooth	Wifi 2.4G & 5G, BT V4.0 of 1, 2 and 3 Mbps, AP6335
Display Interface	1 x HDMI (optional)
LCD Interface	LVDS
Serial Port	1 x RS-232 and 1x RS-232/422/485 internal header
USB	2 x USB2.0
Digital I/O	No
Audio	Line-out
Functions	
Wake On LAN	Not support
Watchdog Timer	Not support
Power	
DC Input	Support 12V input
Mechanical	
Panel Size	10.1 Inch
Front Bezel Material	Aluminum
Back Chassis Material	Metal (Aluminum optional)
Cooling System	Fanless design
Mounting Option	75 x 75mm, 216 x 86mm VESA Mount (Panel mount available)
Dimensions	263 x 176 x 32mm
Gross Weight	2.5kg
Environment	
Operating Temperature	0 °C - 60 °C (14°F - 122 °F)

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9- year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

