



Features

- 10.1" Fanless Industrial Panel PC
- Rockchip RK3588, 4 x Cortex-A76, 4 x Cortex-A55, 2.0GHz
- 2 x USB3.0, 2 x USB2.0
- 2 x HDMI 2.1 out
- 3 x GbE LAN by RJ45
- 2 x RS232/485, DB9
- 8 x GPIO, 2*5Pin
- Wide range DC 9~36V Input
- Ubuntu20.04/Ubuntu22.04/kylin V10 SP1

Dimensions

Specifications

System	
CPU	Rockchip RK3588, 4 x Cortex-A76, 4 x Cortex-A55, 2.0GHz
Memory	8GB LPDDR4
Storage	Onboard 64GB eMMC5.1

IO Port	
COM	2 x RS232/RS485, DB9
USB	2 x USB3.0 Host, Type-A Stack ports 2 x USB2.0 Host, Type-A Stack ports
M.2	1 x M.2 M-Key 2242/2280 (PCIe3.0/SATAIII) 1 x M.2 B-Key 3042/3052 (USB3.0/2.0), support 4G/5G 1 x M.2 E-Key 2230 (USB2.0/SDIO/UART), support WIFI/BT
LAN	1 x GbE port by RJ45 with RTL8211F Controller 2 x GbE port by RJ45 with intel I210AT
GPIO	8 x GPIO, 2*5Pin, PH=3.5mm, support APP define
SIM	1 x SIM Card SLOT, NANO-SIM (4G/5G*1)
HDMI	2 x HDMI OUT2.1, support 4K
Power input	DC9~36V INPUT (RK3588 Processor with 8GB LPDDR4/64GB eMMC), IDIOT-PROOF DESIGN
Micro USB	1 x Micro USB2.0 for OS update
Audio	1 x Audio Jack, Φ3.5mm, green (Line out)

Display	
Display Type	10.1" TFT-LCD
Max. Resolution	1920 x 1200
Max. Color	16.7M
Luminance (cd/m²)	700
Contrast	900:1

Touch Screen	
Type	Projected Capacitive Touch
Interface	USB2.0

Mechanical & Environmental	
Mounting	Panel mount
Operation temperature	-20℃~60℃
Storage temperature	-30℃~70℃
Operation humidity	10~90%

Software	
OS support	Ubuntu20.04/Ubuntu22.04/kylin V10 SP1
SDK	BSP/GPIO APP Demo/NPU driver/RKNN Toolkit/Lite2 and APP Demo
AI accelerator	Add Hailo accelerator card up to 26TOPS