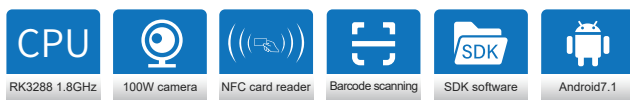


TPC101-A14

Adopting aluminium alloy flat plate, fanless fully enclosed integrated design, fashionable appearance, simple craftsmanship, self-developed ARM industrial motherboard, cost-effective, optional, built-in 100W HD camera 13.56M card reader and barcode scanning module, so that the product application is more abundant.

Features

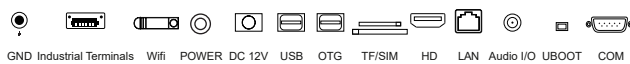
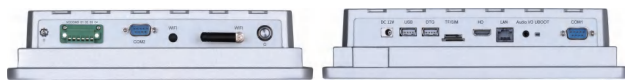
- Fashionable and simple appearance, independent open mold
- High precision die-cast aluminum molding, efficient heat dissipation
- Self-developed ARM architecture motherboard, high cost performance
- Built-in 100W HD camera 13.56M card reader and barcode scanning module
- Provide API reference code and support SDK secondary development
- Support desktop, wall mount, cantilever and other installation methods



Product Model

Product Size	10.1"
Non-touch	TPC101-A1401
Capacitive touch	TPC101-A1411
Resistive touch	TPC101-A1421

Product Interface



Product Specifications

Screen Parameters

LCD size	10.1" TFT LCD		
Resolution	800*1280 (Aspect Ratio 16:10)		
Viewing angle	85/85/85/85 (L/R/U/D)		
Colour	16.7M		
Brightness	300cd/m ²		
Contrast ratio	1000:1		

Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

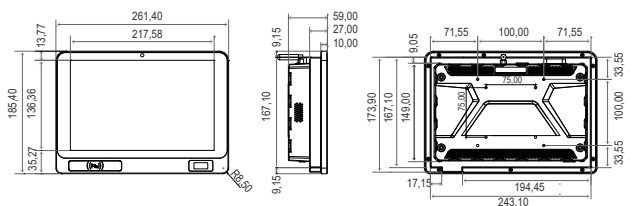
Hardware Configuration

CPU	RK3288, Cortex-A17 quad-core, 1.8GHz	WiFi/Bluetooth	Support
Memory	2G DDR3 (Optional: 4G/8G)	Camera	100W pixels
Storage	16G eMMC (Optional: 32G/64G)	LED indicator	Red/green/blue (combination)
GPU	Mali-T764	Bar code scanning module	Support 1D/2D barcode scanning functions for easy information entry
Card reader	13.56MHz, IC card reader (ISO14443-A, ISO14443-B)		
Operating system	Android 7.1/10.0, Linux4.4/Ubuntu18.04/Debian10.0/linux4.4+QT		

Power Parameters

Power input	DC 12V	Static power	18W
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Product Size



Physical Characteristics

Overall dimensions	W261,4x H185,4x D59mm
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Interface Parameters

Power interface 1	1*Industrial terminal, support 12V power input
Power interface 2	1*DC2.1, Supporting 12V power input
USB	1*USB HOST, 1*USB OTG
TF	1*TF card standard interface
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
HDMI	1*HDMI, Supporting HDMI data output, up to 4K
Network interface	1*LAN, 10M/100M/1000M adaptive Ethernet
Audio interface	1*Audio I/O, Support audio input and output
Reset key	Support (1*UBOOT)
COM	2*RS232
WiFi antenna	1*WiFi antenna
Power on/off	1*POWER
Grounding post	Support (1*GND)

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5~500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level