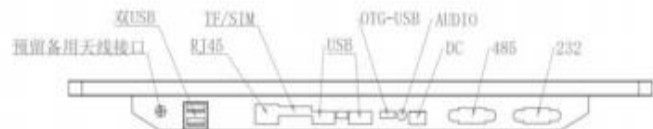# 1520D 16:9 PCAP

All-in-One Touchscreen for Android

Features

- Metal material, flat ultra-thin frame
- 10 point projective capacitive touchscreen
- Commercial grade LCD, LED backlight
- Resolution1920X1080FHD@60Hz
- Industrial ARM motherboard
- Rockchip RK3399 six-core 64-bit processor
- Optional: Rockchip RK3288 quad-core processor
- Supports dual display and HDMI supports 4K
- Supports 360 degree image rotation
- Support software watchdog, support remote update
- Supports power-on, POE, and one-button reset
- Expandable Reader, RFID and other peripherals
- Support 7x24 working hours
- Back VESA wall mounting hole
- Supports Android 7.1/9.0
- 2-Years Warranty

Optional:

- No Touch
- AG coating
- Camera
- POE (Network power supply）

Application:

- Self-service
- Industrial control
- Retail signage
- CNC machine tools or instruments

TDS1520D All-in-one Touchscreen Specification

Model	1520D	
Color	Black / Silver	
Diagonal	15.6 inch	
Aspect ratio	16:9	
Active area	344.16X193.59(mm)	
Dimensions	394.5X242X36.8(mm)	
Resolution	1920X1080FHD@60Hz	
Number of Color	16.7M	
Viewing Angle	Horizontal: 85° /85°; Vertical:： 85° /85°	
Contrast	800:1	
Brightness	LCD Panel: 300nits, PCAP Touch:275nits	
Response time	25ms	
Touch technology	Projective capacitive touchscreen -10 points	
Input method	Finger, Capacitance pen(Standard) Latex gloves touch (pre commissioning required)	
Transmittance	90%	
Touch interface	USB2.0	
Processor	RK3399/2.0GHz, 64 bit processor	RK3288/1.8GHz
Memory	DDR3-4GB	DDR3-2GB
Hard disk	32GB，maximum to128GB	16GB， maximum to 32GB
Network	Wi-Fi 802.11b/g/n/ac+Bluetooth 4.0	
Speaker	2X2W (in build）	
I/O interface	2* USB2.0，1* RS232， 1*485 1*RJ45, 1*OTG USB,1*Line-out ， 1*TF/SIM , 1* DC12V	2* USB2.0， 1* RS232， 1*485, 1*RJ45 1*OTG USB,1* Line-out， 1*TF/SIM 1* DC12V
OS	Support Android 7.1/9.0 System	Support Android 6.0/7.1 System
Watch dog	Support Software watch dog	
Real-time clock	Built-in real-time clock power supply battery, supporting the timing switch	
System management	APK installer	
	Original Android system, open root rights, can be customized product	
	Real-time remote monitoring, system crash self-recovery, 7*24 hours use	
	Support OTA remote upgrade	
	Support wifi display	
Input voltage	AC:100-240VAC, 50/60Hz	
Sealability	The front frame is sealed with the touch screen	
Drop test	1kg steel ball 1.2 meters fall not broken	
Weight (Unpackage)	3KG	
Shipping Dimensions	520X340X135(mm)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-20°C to 60°C	
Humidity	Operating: 20% to 70%；Storage: 10% to 80%	
MTBF	30,000 Hour	
VESA Mounting	75X75(mm),100X100(mm)	
Power Supply	12V3A	
Warranty	2-years	
Agency Approvals	FCC, CE, ROHS	
What's in the Box	1*Power cable,1*power adapter	