

# ITAB-1012-RKC1

10.1" 1280 x 800 Open Frame Tablet with Rockchip RK3568



PCAP Touch

Android 11 / Debian 11



## Key Features

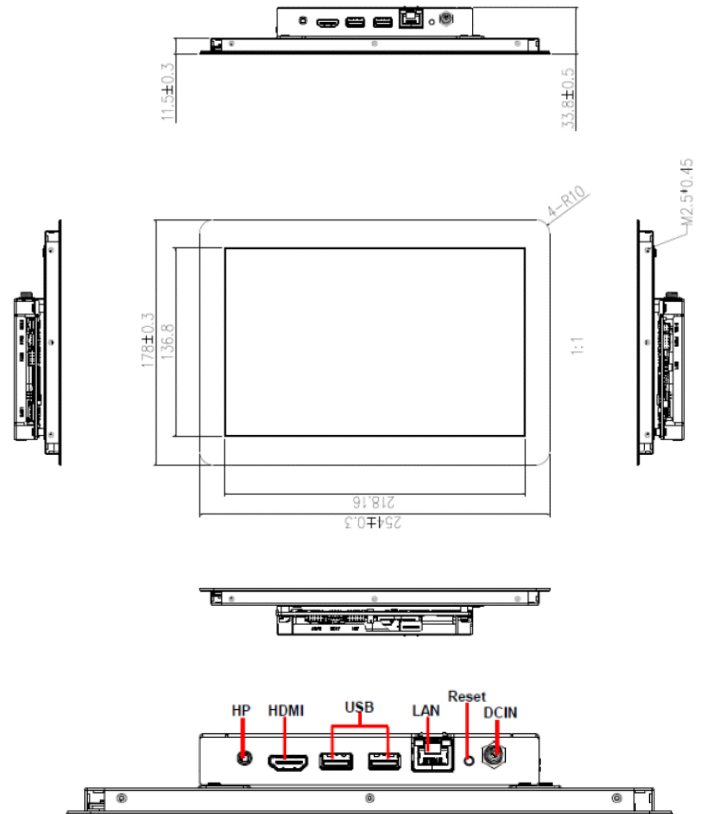
- 10.1" 1280 x 800 Open Frame with P-CAP touch
- Rockchip RK3568 Quad Cortex-A55, up to 2.0GHz
- Mali-G52 GPU, support 4K video decode
- Onboard 2GB DDR4 RAM & 32GB eMMC Storage
- Dual Display, LCD & HDMI v1.4 out
- Gigabit Ethernet
- Fanless operation from 0°C ~ 40°C
- Support Android 11 or Debian 11
- Rich peripheral I/O support

## Product Specification

System Appearance	
System color	Metallic
Mechanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	10.1" LCD Panel
Resolution	1280 x 800
Aspect Ratio	16 : 9
Luminance / Brightness	350 cd/m <sup>2</sup>
Contrast	1000 : 1
Viewing angle (H/V)	160° / 160°
Touch screen	
Touchscreen type	P-CAP
Interface	ST-101C34B_V02 (USB interface)
Controller Board	ILI_2511
Main System	
Processor	Rockchip RK3568 Arm Quad Cortex-A55, up to 2.0GHz, 1 TOPS NPU
Memory	2GB DDR4 onboard
Storage	32GB eMMC onboard
Internal I/O	1 x DC Input 1 x 16-bit GPIO 1 x I <sup>2</sup> C Sensor Interface 1 x M.2 B-key 3042 SATA SSD or LTE 1 x Mic-in 1 x Micro SD slot 1 x MIPI-DSI 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker (4Ω/3W) 1 x Touch Button 1 x USB CAM_DMIC Interface 1 x USB Touch interface
External I/O	1 x 10/100/1000 RJ-45 Ethernet LAN 1 x DC-Jack 1 x Headphone Jack 1 x HDMI v1.4 Output 1 x Reset Button 2 x USB 3.0 Type-A
Bluetooth	BT 5.0 (Optional)
WLAN	Wi-Fi 802.11ac/a/b/g/n (Optional)
OS support	Android 11 / Debian 10
Power supply	DC-IN 12V ~ 24V

Environment	
Certification Information	CE, FCC Class A
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operation Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimensions (L x W)	254 x 178 x 32.8 mm
Weight	0.7 Kg

## Dimensions



## Ordering Information

Part Number	Description
ITAB-1012 -RKC1	10.1" Open Frame Tablet, Rockchip RK3568 Quad Cortex-A55, 2GB DDR4, 32GB eMMC, 1HDMI/1LAN/2USB/1Audio, DC12~24V