

RU-1010BT-A01 | 10.1" Rugged Industrial Touch Panel PCs



Features:

- RK3568, Quad Core, 2.0GHz
- IP65 front Panel bezel, 10-Points touchscreen
- Wide voltage: 9–36V DC input, Aviation connector
- Fanless, cable-less, jumper-less, and unibody aluminum alloy design with multi-mount (wall, side, VESA).
- Support Windows 11 & Ubuntu, Embedded software



SKU	RU-1010BT-A01	
Product type	Rugged Industrial Touch Devices are semi-mobile industrial terminals, bridging the gap between fixed HMIs and handheld rugged tablets.	
Product color	Extruded Aluminum with Heavy Duty Metal	
Operating system	Android 12 / Ubuntu 22.04 / Debian 11	
PROCESSOR/RAM/STORAGE		
Processor Name	RK3568, Quad Core A55 @2.0GHz	
Display Type	10.1" HD 1920*1080 @ 60 Hz, 16: 10, Brightness: 500-1000 nits	
GPU	Mali-G55	
NPU	1.0 TOPS	
Touchscreen	10-Points capacitive touchscreen, Surface hardness: ≥ 6H (JIS-5400)	
EMCC	On board 4 GB DDR4 2600MHz + 64GB EMCC, up to 16GB RAM +128GB EMCC	
Graphics		
Graphic card	Mali-G52 2EE	
Display	LVDS/MIPI-DSI	
CONNECTIVITY AND COMMUNICATIONS		
Network interface	1x GLAN	
4G/5G	1x M.2 B-Key (PCIe+USB3.0, 4G/5G Module), 1x Slim slot	
Wireless	1x M.2 E-Key (PCIe_1X, Wifi module)	
INTERFACE		
Aviation connector	USB	2x USB2.0
	COM	1x RS232
	DC	1x DC 9-36 v, ϕ5.5x 2.5 mm
I/O interface	LAN	1x LAN 10/100/1000 2.5GbE LAN1 i219, LAN2 i226
	USB	1x USB2.0
Power		
Battery	5000mAH/3.7V, Endurable4-5 hours	
Power input	1x DC 9-36 v, ϕ5.5x 2.5 mm	
Compatibility		
IP level	IP65 level	

ML-STD-810G	YES
Environment	
Operation Temperature	• -40°C to +55°C * PassMark BurnInTest: 100% CPU, 2D/3D Graphics (without thermal throttling) * With extended temperature peripherals; Ambient with air flow * According to IE61000-3-2, IE61000-3-3
Storage Temperature	-45°C to +65°C
Relative Humidity	• 95% RH @ 70°C (Non-condensing)
Dimensions And Weight	
Dimensions (W x D x H)	254x 175x 30 mm
Weight	1.8 kg
Mounting	• Wall / VESA Mount
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design

Shenzhen Bitech Co., Ltd | sales@bitechipc.com | whatsapp: +86 13538164607

BITECH provides scalable hardware platform solutions with optional SDK and OS customization for fast system integration