

TPC-GS109R5A

10" Rockchip RK3588 Octa-core 2.4GHz
Rugged Tablet



Features:

- 10" WXGA (1920*1200) 750 nits IPS LCD
- RK3588, Octa-core, 4*Cortex-A76+4*Cortex-A55 Large and small nuclei, dominant frequency 2.4GHz, Small core dominant frequency 1.8GHz
- WIFI5, Bluetooth 5.0
- Front 5MP fixed focus camera, rear 13MP
- Optional 1D/2D barcode scanning, RFID、NFC
- capacitive touch screen
- IP65 protection level of the whole machine, 1.2m drop protection
- Android 12, Linux (Ubuntu、 Debian)

Specifications:

System Hardware

CPU	RK3588, Octa-core, 4*Cortex-A76+4*Cortex-A55 Large and small nuclei, dominant frequency 2.4GHz, Small core dominant frequency 1.8GHz	Speaker	Dual speakers, 1W/8Ω aluminum film, IP65 waterproof
Memory	4GB(optional 8GB)	MIC	Dual microphone
Storage	64GB(optional 32GB/16GB)EMMC; 1*M.2 NVME SSD	Button	Power key, volume +/-, Home key, custom key, function key
Camera	Front-facing 5MP fixed-focus camera; rear 13MP autofocus camera	LED Indicator	charging indicator
		Sensor	G-sensor

Display

LCD Type	10" IPS LCD	Touchscreen	5-point capacitive touch screen
Max. Resoluition	1920*1200	Cover Glass	Corning Gorilla Glass III, hardness 7H, light transmittance 85%
Luminance	750cd/m ²		

OS

OS	Android 12, Linux (Ubuntu、 Debian)
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I/O Interface

POGO PIN	1*POGO PIN	LAN	1*RJ45
USB	1*USB Type C 1*USB 3.0, Type A	COM Port	1*RS232
Video	1*mini HD	SIM Card Slot	1*Micro SIM card holder
Audio	3.5mm headphone jack	TF Card Slot	1*TF card holder
DC Jack	1*DC Jack	Aviation Plug	Expand 1 * RS232 or 1 * DC or 1 * Ethernet port (100M) or 1 * USB 2.0

Communication

4G(Optional)	GSM: B3/B8	WIFI	WIFI5
	WCDMA: B1/B8	Bluetooth	Bluetooth 5.0
	LTE-FDD: B1/B3/B7/B8/B20/B28A	GNSS	GPS+BeiDou

Extended Functions

NFC/RFID	Optional NFC/HF-RFID/UHF-RFID, One out of three	Barcode	Optional 1D/2D barcode
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Power

Power Input	19V/3.42A power adapter	Battery	4000mAh, 11.4V
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Environment

Drop	1.2m free fall to the wooden floor	Operating Temp.	-10°C~50°C
IP Rating	IP65	Storage Temp.	-20°C~70°C (excluding battery)

Certificate

Certificate	CE、ROHS、UN38.3、MSDS、IEC62133、IP Rating
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Mechanical

Dimension(W x H x D)	297.2*190.7*23.5mm	Weight	1.3kg
	Optional UHF RFID module, thickness increases 9.5mm	Color	Black

Accessory

Accessory	Hand strap, 19V/3.42A power adapter
Optional Accessory	Charging Dock, Type-C Data Cable, Capacitive Pen

Product Six Views:

