

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
- WIFI6, Bluetooth 5.0
- Front 5MP fixed focus camera, rear 8MP autofocus camera
- Optional 1D/2D barcode scanning, RFID
- capacitive touch screen
- IP65 protection level of the whole machine, 1.2m drop protection
- 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, 1.2W/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 8MP autofocus camera	LED Indicator	charging indicator
		Sensor	G-sensor

Display

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

OS

OS	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	1-way CAN、 1-way COM/1-way USB interface can be customized

Communication

4G(Optional)	GSM: B2/B3/B5/B8	WIFI	WIFI6
	WCDMA: B1/B2/B5/B8	Bluetooth	Bluetooth 5.0
	TD-SCDMA: B38/B39/B40/B41	GNSS	GPS+BeiDou
	CDMA2000		
	LTE-FDD: B1/B2/B3/B4/B5/B7/B8		
	LTE-TDD: B38/B39/B40/B41		

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.	-30°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 Optional UHF RFID module, thickness increases 9.5mm	Weight	1.25kg
		Color	Black

Accessory

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

Product Six Views:

