



Data Controller **PCR500**

Standard English Full Keyboard
RTK Measurement Control Terminal

PCR500 Data Controller

PCR500 is Toknav brand-new Android 12 data Controller featuring the latest industrial-grade processor from Qualcomm. With its slim form factor and an innovative English keypad, it is designed for complex mobile office scenarios. Besides, the 5.5-inch 1080P display utilizes Gorilla Glass, enhancing durability while ensuring excellent readability in sunlight so as to enhance outdoor data collection visibility.

SPECIFICATION

SYSTEM

OS	Android 12
CPU	Qualcomm SM6115 Kryo Gold: quad high-performance cores 2.0 GHz Kryo Silver: quad low-power cores 1.8 GHz
Memory	4GB RAM + 64GB ROM
External storage	Micro SD

PHYSICAL PARAMETERS

Display	Screen size : 5.5 inch,500nit Resolution:1080*1920p
Touch Panel	Multi-touch, support glove and wet hands operation
Button	QWERTY keyboard, Power Key, Function key etc. Supported key light
Back Camera	Rear 13MP, AF with double white LED Flash
Sensors	Gyroscope, Accelerometer, Ambient Light and eCompass Sensor
Other equipment	Speaker & Mic Support Motor Support Hand band Support Passive Stylus Support Charger, Replaceable interface
Audio	Audio PA
Interface	Type-C (USB3.0 Supports OTG) SIM: one Nano SIM card slot Indicator LED

DATA COMMUNICATION

GNSS	Qualcomm GPS/A-GPS, GLONASS, BDS, Galileo
WIFI	IEEE 802.11 a/b/g/n/ac Dual-band: 2.4G/5G

Network	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/ B12/B13/B17/B20/B25/B26/B28
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Bluetooth	BT5.0 (BLE)
NFC	Supported

ELECTRICAL

Battery (non-removable)	9000mAh (Support Rapid Charging) Working time: 22 hours Charging time: Reaching 90% ≤ 4 hours
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PHYSICAL

Dimension	227.8mm*95.8mm*20.9mm
Weight	420g

ENVIRONMENTAL

Temperature	Work Temperature: -20°C~+65°C Storage Temperature: -30°C~+70°C
Protection	IP68
Shock	Withstand 1.2M pole drop
ESD	Air discharge: ±10kV Contact discharge: ±8kV (External interface Contact discharge: 6KV, Air discharge: 8KV)

ENVIRONMENTAL

Regulatory Compliance	CCC, CTA, SRRC, CE, FCC
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