

P10 5G Industrial Tablet



Industrial and Humanized Hardware Design

Industrial&humanized hardware design and tough 10.1 inch touch screen together with high resolution of 1920*1200 display together with 10-point multi-touch, support glove and wet hands operation

Octa-Core Processor&Large Memory

Equipped with Qualcomm SM4350 pro octa-core 2.2GHz and Android 12.0 OS with memory of 6GB RAM/128GB ROM, shall provide the highly standard experience

Superior Data Communication and Security Guarantee

Superior 5G wireless connection and dual band WIFI shall provide the high speed data communication and perfect security guarantee;

Use environment



SPECIFICATIONS	
PHYSICAL CHARACTERISTICS	
Dimension	248.9mm x 166mm x 11.8mm
Weight	<642g (including battery&wrist strap)
Display	10.1"IPS 1200 x 1920 FHD 500nits(typ)
Touching Panel	10-point multi-touch, support glove and wet hands operation
Expansions	1*Type-C (Charging & Data USB3.1 OTG), 1* Nano - SIM Card Slot, 1 * Micro SD : (max 256 GB expansion), 7 pins pogo pin for charging 5V2A,
Battery	3.8V 9200mAh (34.96Wh) Internal battery,
Color/Material	PC/GF (Dark Grey)+ Rubber (Black) Magnesium alloy internal frame
PERFORMANCE CHARACTERISTICS	
CPU	Qualcomm SM4350 Pro Octa Core 2.2GHz (480+)
Operating System	Android 12
Storage	6GB RAM/128GB ROM
Sensor	L-sensor, G-sensor, Gyroscope, E-compass
Speaker	10cm no less 95dB at 1kHz
Mic	Build-in*2 Support noise reduction
USER ENVIRONMENT	
Operating Temp.	-10℃~+55℃
Storage Temp.	-40℃~+70℃
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	1.2 m drop to concrete across the operating temperature range
Rugged Feature	IP65, MIL-STD-810G certified
ESD	±10kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	RuggedTrust Software Development Kit
Language	Java
Environment	Android Studio or Eclipse
DATA COMMUNICATION	
WWAN	5G: FR1 N1/3/20/28/41/77/78/79 FDD: B1/2/3/4/5/7/8/12/13/17/20/25/28 TDD: B38/39/40/41 3G: B1/B2/B5/B8 ENDC: FCC: 2A_n41A, 5A_n41A, 12A_n41A, 12A_n77A, 25A_n77A, 41A_n77A 2A_n78A, 5A_n78A, 7A_n78A, 41A_n78A CE: 3A_n1A, 8A_n1A, 40A_n1A, 1A_n3A, 8A_n3A, 20A_n3A, 1A_n28A, 3A_n28A, 7A_n28A, 1A_n41A, 3A_n41A, 40A_n1A, 1A_n77A, 3A_n77A, 8A_n77A, 1A_n78A, 28A_n78A, 40A_n78A
WLAN	IEEE 802.11 a/b/g/n/ac/ax-ready (2.4 & 5GHz) MIMO 2x2
WPAN	BT 5.1 BLE (Enhanced Bluetooth performance)

GNSS	Beidou, Galileo, GLONASS, NavIC, GPS, QZSS (Qualcomm)	
DATA CAPTUEER		
BARCODE READER(OPTIONAL)		
2D Barcode	2D CMOS Imager	Honeywell N6703 2D Scan Engine
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.
COLOR CAMERA		
Resolution	Rear 32 MP, AF with LED Flash, Front 8 MP , FF	
Lens	Auto-focuswith LED flash	
RFID READER		
RFID NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range	2cm to 5cm
ACCESSORIES		
Standard	1xPower Supply; 1xLithium Polymer Battery; 1xType-C cable	
Optional	Capacitive stylus, handstrap	