

Urovo

UROVO P8100P 5G

Specifications



UROVO PTE. LIMITED



Specifications

Performance	Model	UROVO P8100P 5G
	O.S.	Android 13
	Processor	Octa-core 2.4GHz
	Memory	RAM: 4GB, ROM: 64GB RAM: 8GB, ROM: 128GB(optional)
	Extended memory	Micro SD card, Up to 256 GB
Basic specifications	Dimensions	255.4*175*18.5mm
	Weight	826g
	Display	10.1 inch display, 1200*1920
	Touch Screen	Ultra sensitive capacitive touch panel , support multi-touch, works with gloves and wet fingers
	Main battery	10000mAh
	Buttons	PWR key, Vol+/- key, scan key
	Camera	Front 5MP, Rear 13MP with flash
	Sensors	Light + Accelerator+ Geomagnetic + Gyro
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	Nano- SIM x 2 , PSAM x 1 (optional) , Micro SD/TF x 1 eSIM x1 (optional)
	Audio	Dual-microphone with noise cancellation Dual-Speaker, rated power 1.2W Support 3.5mm audio jack
Interfaces	USB Type-C、 3.5mm ear phone jack、 Pogopin	
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	Dual-SIM, Dual-Standby
		5G, 4G, 3G, 2G
	Bluetooth	BT 5.2 + BR/EDR + BLE
Wi-Fi	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax 2x2 MU-MIMO ; IPv4 , IPv6 (Wi-Fi 6E) Roaming: 802.11r (Over the Air);OKC;/PMKID caching	
Environment	Temperature	-20°C to 60°C
	Storage	-40°C to 70°C
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 1.2 m drop to concrete at room temperature
	Sealing	IP67

Data Capture Specifications

1) Camera

Rear Camera



functions	Flash light, Auto-focus, Video
Pixels	13MP
Front Camera	
Pixels	5MP, Fix-focus,

2) Scanner Engine

Spec	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Laser safety level	Class 2
Barcodes support	Linear: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post 2D Stacked: PDF417, MicroPDF417, GS1 Composite 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code

3) RFID(HF)

RFID	HF
Protocol	ISO15693 ISO14443: ISO14443 Type A, ISO14443 Type B, Mifare , FeliCa etc.
Frequency	13.56MHz
Reading Distance	Read distance 0-6cm (ISO15693),0-4cm(ISO14443A/B)

Network Connections

1) Positioning

Positioning	Specification
Mode	GPS, A-GPS, BeiDou, GLONASS, Galileo
Frequency	GPS (L1 1.575GHz C/A code) , BeiDou (B1 1.561GHz) , GLONASS(L1 1.602GHz), Galileo (E1 1.589 GHz / E2 1.561 GHz)
Cold start time	Less than 40s
Max channel	31 channel
sensitivity	-130dB(SNR value 40dBHz)
Precision	5-10 Meters (open space)

2) Wireless LAN

WLAN	Specification
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax (2.4G/5G dual band WIFI) , Wi-Fi 6E , 2x2 MU-MIMO



Frequency	2.4G/5G
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES)— EAP-TTLS (PAP, MSCHAP, MSCHAPv2); EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAPPWD); WWAN device only — EAP-SIM, EAP-AKA; WPA3 Enterprise 192-bit mode (GCMP256) — EAPTLS; Enhanced Open (OWE)
Fast roaming	Support 802.11r fast roaming

3) Wireless WAN

WAN	Specification
Mode	Dual SIM Dual Standby
Worldwide Radio Frequency Band	5G/4G/3G/2G: 5G: N1/N2/N3/N5/N7/N8/N12/N13/N20/N25/N26/N28/N38/N40/N41/N66/N71/N77/N78/N79 LTE-TDD: B34/B38/B39/B40/B41/B42/B43; LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28A/B28B/B66/B71; WCDMA(B1/B2/B4/B5/B8) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)

4) Wireless PAN

BT	Specification
Mode	BT 5.2+BR/EDR+BLE
Range	More than 10 Meters

Optional Accessories

Accessory	Type
Standard	Type-C cable, QC adaptor
Optional	Multi-functional Cradle, Hand Strap, Scanning hand rests, Holster, LAN port dock, Multifunctional docking station, Forklift bracket, Stylus