UROVO P8100 4G

Specifications



UROVO PTE. LIMITED

UROVO

Specifications

Performance	Model	UROVO P8100 4G
	O.S.	Android 13
	Processor	Octa-core 2.45GHz
	Memory	RAM: 4GB, ROM: 64GB RAM: 8GB, ROM: 128GB(optional)
	Extended memory	Micro SD card, Up to 256 GB
Basic specifications	Dimensions	253.8*146*16.5mm
	Weight	728g
	Display	8 inch display, 1280*800
	Touch Screen	Ultra sensitive capacitive touch panel , support multi-touch, works with gloves and wet fingers
	Main battery	3.85V,8400mAh, QC charging
	Buttons	PWR key, Vol+/- key, scan key, P1~P8 Keys(optional)
	Camera	Front 5MP,Rear 13MP with flash
	Sensors	Light + Accelerator+ Geomagnetic + Gyro
	Fingerprint (optional)	Support tamper-proof design
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	Micro SD/TFx1 , Nano- SIMx2, PSAMx1 (optional)
	Audio	Dual-microphone with noise cancellation Dual-Speaker, rated power 1.2W Support 3.5mm audio jack
	Interfaces	USB Type-C、Pogopin
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	Dual-SIM, Dual-Standby
		4G, 3G, 2G
	Bluetooth	BT 5.0 + BR/EDR + BLE
	Wi-Fi	2.4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax ready Roaming: 802.11r /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
	ESD	+/-15kv Air; +/-8kv contact

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: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data Bar 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

3) RFID(HF)

RFID	HF
Protocol	ISO15693 ISO14443：ISO14443 Type A,ISO14443 Type B MIFARE：Mifare S50,Mifare S70,Mifare UltraLight,Mifare Pro,Mifare Desfire 、FeliCa
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/h/i/r/k/v/w/（2.4G/5G dual band Wi-Fi）,Wi-Fi 6 Ready(802.11 ax ready)
Frequency	2.4G、5G
Security and Encryption	EAP-TLS,EAP-TTLS,PEAP-MSCHAPv2,PEAP-TLS, PEAP-GTC,PWD,SIM,AKA WEP,WPA/WPA2-PSK
Fast roaming	Support 802.11r fast roaming

3) Wireless WAN

WAN	Specification
Mode	Dual SIM Dual Standby
Worldwide Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B19/ B20/B25/B26/B28A/B28B/B66) WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)

4) Wireless PAN

BT	Specification
Mode	BT 5.0+BR/EDR+BLE
Range	More than 10 Meters

Optional Accessories

Accessory	Type
Standard	Type-C cable,QC adaptor
Optional	Multi-functional Cradle,Hand Strap, Holster, LAN-docking, Multi-functional Docking Station,Stylus