UROVO DT66

Specifications



UROVO Technology Co., Ltd.

UROVO

Specifications

Performance	Model	UROVO DT66
	O.S.	Android 13.0 GMS/AER
	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	175.8 mm L x 76.5 mm W x 14.5 mm D
	Weight	About 280g
	Display	6.5 inch display, 720*1600
	Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity：3.85V 5000mAh , support hot swap
	Charging time	5V2A, Less than 4 hours (room temperature)(18W QC optional)
	Buttons	PWR button, Vol+/- button, scan button*2, custom button
	Camera	Front: 5MP FF , Rear: 13MP PDAF Optional iToF camera
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro+Pressure(optional)
	Fingerprint	Capacitive Fingerprint to unlock the device(optional)
	Scanning	Professional scan engine :Standard / Advanced Range Support international standard 1D/2D barcode; Support barcode displayed on screen;
	Slots	Nano- SIM x 2 ,Micro SD x 1 (Reserved support eSIM)
	Audio	Dual-Microphone with noise cancellation, 1.5W Speaker for loud noise , receiver supports echo cancellation
	Interfaces	USB Type-C, Pogo-pin
Network Connections	Positioning	GPS, BEIDOU, GLONASS, Galileo, QZSS
	WWAN	5G/4G/3G/2G
	Bluetooth	BT5.2 + BR/EDR + BLE
	Wi-Fi	Wi-Fi 6E, 2.4G/5G， IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w/mc/ax 2*2 MU-MIMO Roaming：802.11r (Over the Air);OKC/;PMKID caching
Environment	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 70°C
	Humidity	5%RH～95%RH (No condensation)
	Drop Specification	Multiple 5 ft./1.5 m drop to concrete at room temperature
	Tumbling	400 tumbles, 3.2 ft./1.0m
	Sealing	IP67

	ESD	+/-15kv Air; +/-8kv contact

Data Capture Specifications

1) Camera

Rear Camera	
functions	Flash light, Phase Detection Auto-focus, Video
Pixels	13MP PDAF (16MP PDAF optional)
Optional	Optional iToF camera
Front Camera	
Pixels	5MP FF (8MP FF optional), 1080p video recording

2) Scan Engine

	2D Imager Engine Specifications
Scan Angle Tilt	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
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 A/B , Mifare, Felica
Frequency	13.56MHz
Mode	Card Emulation, Peer-to-Peer, Reader
Reading Range	Read distance 0-6cm (ISO15693), 0-4cm(ISO14443A/B)

Network Connections

1) Positioning

Positioning	Specification
Mode	GPS, BEIDOU, GLONASS, Galileo, QZSS
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/k/r/v/w/mc/ax protocol (2.4G/5G dual band Wi-Fi) Wi-Fi 6E , 2x2 MU-MIMO
Frequency	2.4G/5G
Working Channels	CH1~CH13，CH34-CH140，CH149~CH165，depends on country (region)
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	PMKID caching;Cisco CCKM;Support 802.11r(Over-the-Air);OKC, support Fast Transition, roaming threshold can be set

3) Wireless WAN

WAN	Specification	
Mode	Dual-SIM, Dual-Standby	
Frequency Band (Europe & Asia)	5G	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79
	4G	LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28A/B28B LTE-TDD: B34/B38/B39/B40/B41/B42/B43
	3G	WCDMA(B1/B5/B8)
	2G	GSM/EDGE/GPRS(850/900/1800)
Frequency Band (NA)	5G	N2/N5/N7/N12/N13/N25/N26/N38/N41/N66/N71/N77/N78
	4G	LTE-FDD: B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71 LTE-TDD: B38/B41/B42/B43
	3G	WCDMA(B2/B4/B5)
	2G	GSM/EDGE/GPRS(850/1900)

4) Wireless PAN

BT	Specification
Mode	BT5.2 + BR/EDR + BLE
Range	More than 10 Meters

Accessories

	Type
Standard Accessory	Power Adapter x1, Type-C cable x1, 5000mAh battery x1, Instructions & Safety information & Warranty card x1
Accessory	Single Charge cradle, Multi-slot charge cradle, Hand strap, Scan Trigger, Boot case, Screen Protector