UROVO DT66

Specifications



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Specificatios

Performance	Model	UROVODT66
	O.S.	Android13.0,GMS/AER, Upgradable to Android 17
	Processor	QUALCOMM 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	175.8mm L x 76.5mm W x 14.5mm D
	Weight	About 283g (batteryincluded)
	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:3.85V5000mAh,supporthotswap
	Charging Time	5V2A,Lessthan4hours(roomtemperature)(18WQC (optional)
	Buttons	PWRbutton,Vol+/-button,scanbutton*2,custombutton
	Camera	Front: 5MP FF, Rear: 13MP PDAF Optional iToF camera
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro+Pressure(optional)
	Fingerprint	CapacitiveFingerprinttounlockthedevice(optional)
	Scanning	Professional scan engine: Standard / Advanced Range Supportinternationalstandard1D/2Dbarcode； Support barcode displayed on screen；
	Slots	Nano-SIMx2,MicroSDx1(ReservedsupporteSIM)
	Audio	Dual-Microphone with noise cancellation, 1.5W Speaker for loud noise, receiver supports echo cancellation
	Interfaces	USBType-C,Pogo-pin
Network Connections	Positioning	GPS,BEIDOU,GLONASS,Galileo
	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(Nocondensation)
	Drop Specification	Multiple 5 ft./1.5 m drop to concrete at room temperature
	Tumbling	400tumbles,3.2ft./1.0m

	Sealing	IP68 +/-15kv Air; +/-8kv
	ESD	contact

Data Capture Specifications

1)Camera

Rear Camera	
Functions	Flash light, Phase Detection Auto-focus, Video
Pixels	13MP PDAF
Optional	Optional iToF camera
Front Camera	
Pixels	5MP FF, 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
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 IEEE
Protocol	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 Dual-SIM,	
Mode	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/N7 1/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 BT5.2 +
Mode	BR/EDR + BLE
Range	More than 10 Meters

Accessories

	Type
Standard Accessories	Power Adapter x1, Type-C cable x1, battery x1, Instructions & Safety information & Warranty card x1
Optional Accessories	Single Slot Charging Cradle, 4-Slot Battery Charging Cradle, 5-Slot Charging Cradle (5 devices or 4 devices+4 batteries), Trigger Handle, Nylon Holster, Screen Protector, Hand Strap, Hand Rope, Rugged Boot, Shoulder Strap