

UROVO DT66 Healthcare

Specifications



UROVO PTE. LIMITED

Specifications

Performance	Model	DT66 Healthcare
	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 283g (battery included)
	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
	Antibacterial Material	The white antibacterial materials. The surface of the device can withstand wiping with alcohol, hydrogen peroxide, isopropanol, and povidone-iodine.
	Camera	Front: 5MP FF, Rear: 13MP PDAF Optional iToF camera
	Pupil Penlight	A penlight is used to assess the patient's pupils, assisting nurses in evaluating their condition and determining a diagnosis.
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro+Pressure(optional)
	Fingerprint	Capacitive Fingerprint to unlock the device (optional)
	Scanning	HS7 (1280*800 pixels) : 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)
	Housing Materials	antimicrobial material that meets JISZ2801 standards, capable of inhibiting or killing microorganisms. The surface can be wiped with alcohol and disinfectant water to prevent cross-infection.
	Audio	Dual-Microphone with noise cancellation, 1.5W Speaker for loud noise, receiver supports echo cancellation
	Interfaces	USB Type-C, Pogo-pin
	Positioning	GPS, BEIDOU, GLONASS, Galileo
Network Connections	WWAN	5G/4G/3G/2G
	Bluetooth	BT5.2 + BR/EDR + BLE
	Wi-Fi	Wi-Fi 6E, 2.4G/5G/6G, IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w/mc/ax

Environment		2*2 MU-MIMO Roaming: 802.11r (Over the Air);OKC/;PMKID caching
	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	IP68
	ESD	+/-15kv Air; +/-8kv 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)
	Supports front or back NFC function

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