



UROVO DT610

Specifications



UROVO PTE. LIMITED



Specifications

Performance	Model	UROVO DT610
	O.S.	Android 15.0, GMS/AER
	Processor	Octa-core 2.0/2.9GHz
	Memory	RAM: 8GB, ROM: 128GB RAM: 12GB, ROM: 256GB (Optional)
	Extended memory	Micro SD card, Up to 2 TB
Basic Specifications	Dimensions	165 mm L x 76.2 mm W x 12.9 mm D
	Weight	About 222g (with Standard Battery)
	Display	6.0 inch display, 1080*2160
	Touch Screen	Ultra sensitive capacitive touch panel, multi-touch, works with gloves and wet fingers
	Main battery	Standard battery: 3.85V 4000mAh, Hot swap
	Charging time	5V2A, Less than 4 hours (room temperature) (18W QC optional)
	Buttons	PWR button, Vol+/- button, scan button*2, custom button*1
	Camera	Front: 8MP FF, Rear: 16MP PDAF
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro
	Fingerprint	Capacitive Fingerprint to unlock the device
	Scanning	Professional scan engine: 1D/2D Standard Range
	Slots	Nano- SIM x 2, Micro SD x 1
	Audio	Dual-Microphone with noise cancellation, 1 speaker
	Interfaces	USB Type-C: OTG, USB 3.1, DP
RFID	NFC	ISO 14443 Type A and B; Sony FeliCa and ISO 15693 cards; Card Emulation via Host; Contactless payment support; ECP1.0 and ECP2.0 polling support; Apple VAS certified; MIFARE 1K/4K, MIFARE DESFire, ISO/IEC 18092 (Type F)
		Protocol: EPC C1 GEN2/ISO18000-6C
		Frequency: 902-928MHz/865-868MHz
		Reading Range:1.5m(Depends on tags and environment)
UHF	UHF	Reading speed: 50 tags/sec
UWB		Direction Guide
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo, QZSS
	WWAN	5G/4G/3G/2G
	Bluetooth	BT6.0 + BR/EDR + BLE
	Wi-Fi	Wi-Fi 7, 2.4G/5G/6G Tri Band IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w/mc/ax/be 2*2 MU-MIMO Roaming: PMKID caching; Cisco CCKM; 802.11r(Over-the-Air); OKC, Configurable Wi-Fi roaming thresholds
Environment	Operating Temp.	-20°C to 60°C
	Storage	-40°C to 70°C



	Temp.	
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 5 ft./1.5 m drop to concrete at room temperature; Multiple 5.9 ft./1.8 m drop to concrete at room temperature with protective boot
	Tumbling	500 tumbles, 3.2 ft./1.0m; 1000 tumbles, 3.2 ft./1.0m with protective boot
	Sealing	IP67
	ESD	+/-15kv Air; +/-8kv contact

Data Capture Specifications

1) Camera

Rear Camera	
functions	Flash light (700mA), Auto-focus, Video, PDAF
Pixels	16MP
Front Camera	
Pixels	8MP, Fixed-focus

2) Scan Engine

	2D Imager Engine Specifications
Scan Angle Tilt	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
Laser type	Class II
Fill-in light	White LED, soft light
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
Frequency	13.56MHz
Mode	Card Emulation、Peer-to-Peer、Reader
Reading Range	Read distance 0-6cm (ISO15693), 0-4cm(ISO14443A/B)

4) RFID(UHF)



RFID	UHF
Protocol	EPC C1 GEN2/ISO18000-6C
Frequency	902-928MHz/865-868MHz
Reading Rate	50 tags/sec
Reading Range	Up to 1.5m (Depends on tags and environment)

Network Connections

1) Positioning

Positioning	Specification
Mode	GPS、A-GPS、BEIDOU、GLONASS、Galileo
Frequency	GPS (L1) , 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)
Accuracy	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 (2.4G/5G/6G) Wi-Fi 7, 2*2 MU-MIMO
Frequency	2.4GHz、5GHz、6GHz
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 and EAP-PWD; WPA3 Enterprise 192-bit mode (GCMP-256) - EAP-TLS; Enhanced Open (OWE); WPA3-FT, SCV (Server Certificates Validation)
Fast roaming	PMKID caching; Cisco CCKM; 802.11r(Over-the-Air); OKC, Wi-Fi roaming threshold could be set

3) Wireless WAN

WAN	Specification	
Mode	Dual-SIM, Dual-Standby	
Frequency Band	ROW(Rest of World)	2G: 850/900/1800/1900 3G: B1/B2/B4/B5/B8 4G: B1/2/3/4/5/7/8/13/17/18/19/20/26/28/34/38/39/40/41/42/43;



		5G: n1/2/3/5/7/8/20/28/38/40/41/77/78/79;
	NA(North America)	3G: B2/4/5; 4G: B2/4/5/7/12/13/14/17/25/26/29/30/38/41/43/48/66/71; 5G FR1: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/71/77/78;

4) Wireless PAN

BT	Specification
Mode	BT6.0 + BR/EDR + BLE
Range	More than 10 Meters

Accessories

	Type
Standard Accessories	Adapter*1, Type-C cable*1, Battery*1, Instructions & Security Information & Warranty Card*1, Screen Protector
Optional Accessories	Charging cradle, 5-slot Charging Cradle, 4-lot battery charging cradle, Hand strap, UHF gun grip, Boot case