

UROVO

UROVO DT66

Specifications



UROVO Technology Co., Ltd.



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 |



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|--|-----|-----------------------------|
| | ESD | +/-15kv Air; +/-8kv contact |
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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 | <p>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</p> <p>with Extended Coupon Code, Coupon GS1 Code</p> <p>32(PARAF), EAN-UCC Emulation, GS1 Data Bar</p> <p>2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417</p> <p>2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code</p> <p>Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet</p> |

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 |