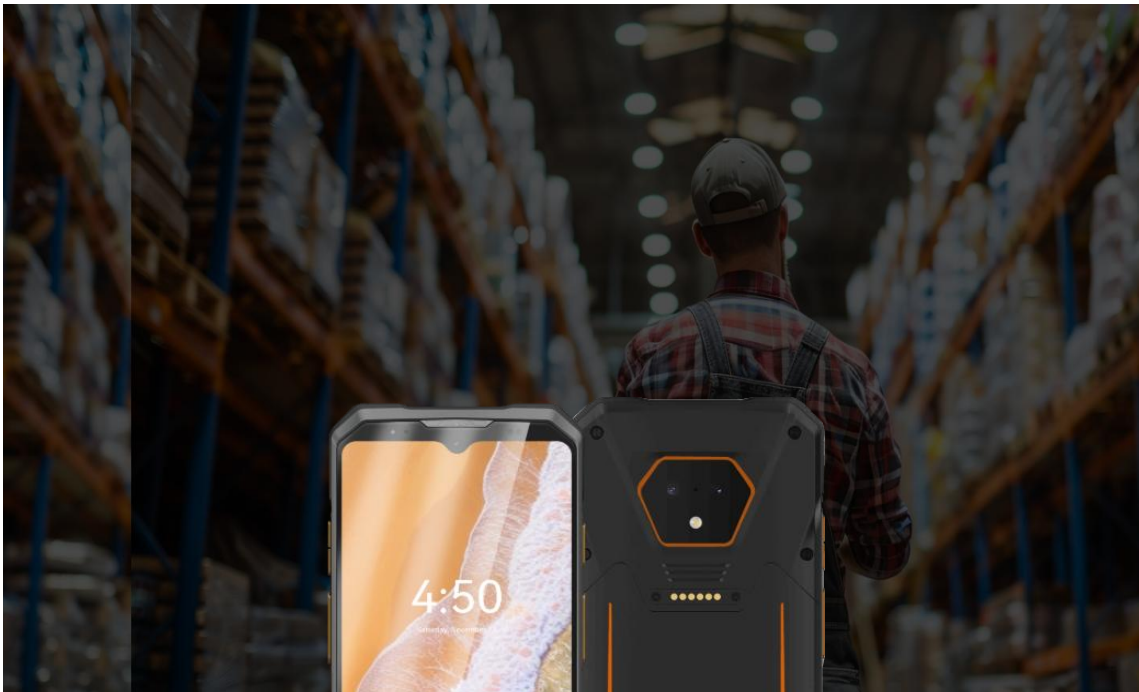




All-mode
Full Bands



MediaTek Kompanio
900T (MTK8791)
Octa-core (8 cores)
Up to 2.4GHz | 6nm
process



1080*2340
500nits (Sunlight-
Readable)



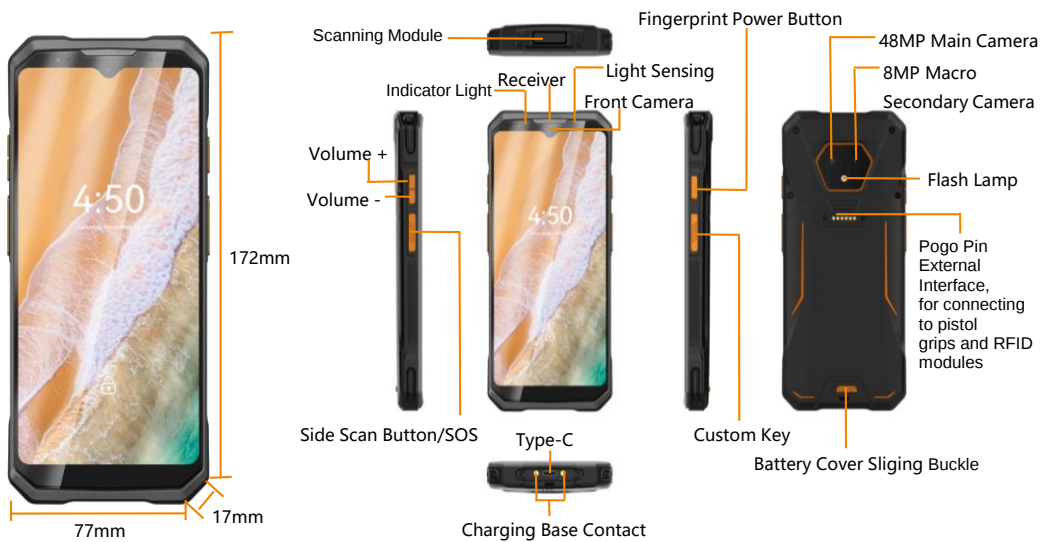
WI-FI 6
BT 5.2 LE
Support



5000mAh
Removable



8GB RAM
256GB ROM
2TB TF Card Support



SPECIFICATION-BC61 (5G)

Core Hardware Specifications		Connectiity	
Processor	MediaTek Kompanio 900T (MTK8791) Octa-core (8 cores) Up to 2.4GHz 6nm process	Phone Functionality	WCDMA/LTE-TDD/LTE-FDD/5G NR
Graphics	ARM G68 MC4	2G /3G/4G/5G	2G: GSM 850/900/1800/1900MHz 3G: WCDMA B1/B2/B5/B8 (42.2Mbps DL / 11.5Mbps UL) 4G:FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink , 50Mbps uplink., Band:TDD-LTE (B34/38/ 39/40/41); FDD LTE (B1/2/3/4/5/7/8/12/17/20/26/ 28a&b) Cat-18 5G NR SA n1/n3/n20/n28/n41/n77/n78/n79 5G NR NSA n1/n3/n41/n7 DL 4x4 n1/n3/n41/
AI Processing	APU 3.0 (2.6T)		
Memory	8GB LPDDR4		
Storage	256GB UFS		
External Memory	Expandable via microSD (supports up to 2TB)		
Cameras	Rear Dual Camera:Main: 48MP with autofocus & electronic flash. Secondary: 5MP wide-angle lens	Wireless	Dual-band Wi-Fi 6 2x2 (2.4/5GHz, 802.11a/b/g/n/ac/ ax) BT 5.2 LE
	Front: 8MP front-facing camera		
Battery	5000mAh removable battery	Connectivity	
Display	6.3 inch OLED 1080×2340 FHD+ resolution 500 nits	Vibration	1–19Hz/1.0mm amplitude; 19–200Hz/1.0g acceleration
Touch Panel	Capacitive touchscreen Glove-touch support Anti-fog coating	Drop resistance	MIL-STD-810 compliant (1.2m) IK05 impact protection
		Water/Dust resistance	IP68 (IEC 60529)
		Operating Temperature	-20°C to 55°C
		Storage Temperature	-40°C to 80°C
Interfaces & Sensors		Reliability	MTBF>5000h; MTTR<0.5h
Card Slots	Dual nano-SIM + microSD (triple slot, dual-SIM or SIM+SD)	External Memory	5% to 95% (95%RH, non-condensing)
Charging Port	Type-C	Altitude	Up to 4,500m (15,000 feet)
Data Ports	USB Type-C (OTG) ×1	Design & Durability	
Sensors	Gravity, Geomagnetic, Gyroscope, Rotation Vector, Ambient Light, Accelerometer	Dimensions	172* 77 * 17mm (L×W×H)
Charger	5V 2A, 9V 2A, Support PD fast charge protocol	Weight	300g
Navigation	L1+L5 GPS/BeiDou/GLONASS/Galileo/QZSS with AGPS/SBAS support	Material	Black & gray PC-ABS composite
Certifications & Software		Packaging & Warranty	
Certifications	3C/FCC/CE/ROHS/IP68 (IEC 60529)	Warranty	24-month device warranty (12-month battery warranty)
Language	Chinese (Simplified/Traditional), English, Spanish, Portuguese (BR/PT), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew	OEM/ODM	OEM/ODM branding supported
OS	Android 14/15 (GMS) Certified	Package	Type-C cable ×1 Charger (optional) ×1 Pre-applied screen protector ×1 Neutral packaging box ×1 User manual ×1 Safety card ×1 Hand strap ×1



OPTIONAL MODULES

NFC Module		P/N: 01250227
Feature Overview	Integrated NFC module with standardized API interfaces, enabling mobile payment solutions and bank card transactions.	
Operational Modes	Read/Write: Full read/write capability for NFC tag data storage and retrieval.	
	Card Emulation: Mimics NFC cards for contactless payment systems and secure access control. Peer-to-Peer: Facilitates seamless data exchange between NFC-compatible devices.	
Performance Metrics	Effective Range: 20–50mm tag interaction distance. Frequency: 13.56MHz high-frequency operation.	
Supported Standards	RF Protocols: ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, NFC Forum specifications.	
	Tag Compatibility: Comprehensive support for industry-standard cards, including: MIFARE S50/S70, Ultralight, NTAG 203/213/215/216, FM1204/FM1208, DESFire EV1 (D21/D41/D81), SRI512/SRIX4K, iCODE, HF Tagit, and derivatives.	
Barcode Module: E20 Barcode Scanner Module		P/N: 02690141
2D	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin Code, Dotcode, Composite.	
1D	Code 128 (ISBT 128, AIM 128, GSI 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GSI DataBar, Plessey, Febraban.	
Fingerprint ID Unlock (Switch button ID unlock, built-in motherboard)		
Press - type recognition, with a pressing depth of 0.1 centimeters.		