

Product Specification

Product Name	RDC60
Appearance	 
Physical Characteristics	
Size	193.5mm x 93mm x 15mm (with bumpers)
Weight	≤390g
LCD	6.0" IPS 1080x 1920 FHD 550nits (typ)
TP	Corilla Glass 3, Multi-touch, support glove and wet hands operation
Camera	8M FF
	32M AF
Flash	Double white LED Flash
Ports	1*USB3.1 Type-C with Rubber Cover (Charging PD2.0 Max18W, OTG USB3.1, Digital headset)
	2*Nano-SIM Card Slot (DSDS)
	1*Micro SD Card Slot (support Micro SDXC Maximum:1TB)
Dedicated Keys	4 Front-keys: F1, F2, F3, Power TP-keys: Menu,Home,Back 3 Side-keys: FN, volume up/down User can customize the FN F1 F2 F3 function
Software & hardware	
Hardware Platform (CPU)	Qualcomm QCM4490 Octa-core 2x Gold A78 @2.4GHz + 6x Silver A55@2.0GHz
Software Platform	Android 14 GMS
Version Upgrade	FOTA
RAM +ROM	8GB LPDDR4X + 128GB UFS2.2
Sensor	Light Sensor
	Proximity Sensor
	Acceleration Sensor
	Magnetic Sensor
	Gyroscope Sensor
	Barometer
Speaker	≥ 95dB at 1kHz 10cm
Receiver	Support
Mic	2* microphone (noise suppression)
Motor	1* build - in

LED Indicator	two-color (Red / Blue) indicator (Battery & Charging indication)	
Energy (Battery/Worktime/Charging)	Battery: Li-Ion 3.8V 8000mAh (30.4Wh)	
	support Qualcomm QC 4.0 and PD 3.0 18W Charging time : Reaching 95% ≤ 4.5h	
Communication		
GNSS	A-GPS / GPS L1+L5 / GLONASS / Galileo / Beidou Qualcomm	
WiFi	IEEE 802.11 a/b/g/n/ac/ax (2.4 & 5GHz Wi-Fi6E) 2 x 2 MIMO	
Bluetooth	BT 5.2 BLE	
NFC	NFC 13.56MHz, work distance ≥ 3cm support ISO/ 14443 A/B ISO/ 15693, NFC- IP1, NFC-IP2 M1 Card(S50, S70) , CPU Card, NFC Label	
Cellular	GSM: 850 / 900/ 1800 / 1900 WCDMA:B1/B2/B5/B8 LTE-TDD:B38/39/40/41 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/48/66/71 5G: FR1 N1/2/3/5/20/28/41/48/66/71/77/78/79	
Reliability		
Working temperature	-20°C~+60°C	
Storage temperature	-40°C~+70°C	
Humidity	0-95% RH, non-condensing	
ESD	Contact 8KV , Air 12KV	
Water proof	IP68	
Drop	1.5 m to marble	
High Precision Module		
High Precision Module		Single Point Positioning (RMS) Horizontal: 1.5 m Vertical: 2.5 m DGPS (RMS): Horizontal: 0.4 m Vertical: 0.8 m RTK : Horizontal: 0.8 cm + 1 ppm Vertical: 1.5 cm + 1 ppm
Test & Certification		
Certification	CE(RED)	
	ROHS 2.0	
	REACH	
	WEEE	
	IP68	IEC 60529
	MIL-STD-810H	Shcok Drop test 1.22m MIL-STD-810H:2019 Method 516.8/Procedure I
Packing List		
Host	x1screen film (factory paste on the screen, keep the user's hand tear layer)	
battery	×1 (Large removable battery)	
Quick operation	Quick Instructions x1 printed in black and white	
Adapter	Power adapter x1 (with QC3.0 identifier, QC3.0 supported)	
data cable	USB3.0 data cable with magnetic loop	
Hand strap	x1	
Plug	x1	
High precision back clamp positioning	High precision back clamp positioning x1	