

6.56" Rugged Smartphone

RUGGED. RELIABLE. READY FOR INDUSTRY.

CC-RP1 5G Rugged Smartphone is built for demanding environments, powered by an MT6789 octa-core processor, 8GB RAM, 128GB storage, and a 5,800mAh high-capacity battery. Featuring a 6.56" HD IPS display with 670 Nits brightness and a versatile quad-camera system with a 48MP main camera, 8MP wide-angle, 2MP macro, and 32MP front camera, it delivers reliable performance, durability, and connectivity with IP68 protection and MIL-STD-810H rugged certification.





6.56" FHD IPS



8GB RAM



128GB Storage



MT 6789 Octa Core



48/8/2MP (B) 32MP (F)Camera



4G+ Dual SIM Support

KEY FEATURES	
✓	6.56" HD IPS Display with 670 Nits Brightness
✓	MediaTek MT6789 Octa-Core Processor, Up to 2.2GHz
✓	8GB RAM + 128GB Storage
✓	48MP Main + 8MP Wide-Angle + 2MP Macro Camera & 32MP Front
✓	4G LTE + Dual SIM Support
✓	Android 14 Operating System with GMS
✓	IP68 Waterproof & MIL-STD-810H Rugged Design
✓	5,800mAh High-Capacity Battery with 33W Fast Charging
✓	NFC, GPS, GLONASS, BeiDou, Galileo & Dual-Band Wi-Fi

OUR PRODUCTS	
▪	Rugged & Industrial Panel PCs
▪	Rugged & Industrial Displays
▪	Rugged Tablet PCs
▪	Rugged Laptops
▪	Embedded Fanless BOX PCs
▪	Rugged Workstations & Servers
▪	Rugged Ethernet Switches
▪	Rugged foldable workstation
▪	Rugged Smartphone
▪	Custom Built Solutions

TECHNICAL SPECIFICATIONS		
NETWORK		
Connectivity	Wi-Fi 2.4G + 5.0G Dual-Band, Bluetooth 5.1	
Cellular	4G LTE Multi-Band Network Support	
GNSS	GPS / BeiDou / Galileo / GLONASS, A-GPS	
DISPLAY		
Size	6.56 Inch TFT Display	
Resolution	720 × 1612, 670 Nits	
Touch	5-Point Capacitive Touch, Wet-Hand & Glove Support	
Protection	PolyRainbow Cover, Hardness Above 7H, Scratch-Resistant	
PROCESSOR, RAM & STORAGE		
Chipset	MediaTek MT6789	
CPU	Octa-Core, 2 × A76 2.2GHz + 6 × A55 2.0GHz	
GPU	ARM G57 MC2	
OS	Android 14 with GMS	
RAM	8GB LPDDR4X	
Storage	128GB UFS2.2, Optional 256GB for Bulk Orders	
Camera	Front Camera	32MP, Fixed Focus
	Main Camera	48MP, Autofocus, PDAF Support
	Wide-Angle	8MP
	Macro Camera	2MP
	Flash	True Flash
Battery	Built-in 3.85V / 5800mAh Polymer Lithium-Ion Battery, 33W Fast Charging	
BODY		
Dimensions	170.2 × 80.7 × 14 mm	
Weight	311g Approx	
SIM	Micro SIM + TF / Micro SIM + Nano SIM	
Protection	1.5m Drop Resistance - IP68 Dust & Water Resistant - MIL-STD-810H, CE Rugged Design - Operating Temperature −20°C to 60°C - Storage Temperature −30°C to 70°C - Humidity 95% Non-Condensing	

Other	
I/O Interfaces	• USB Type-C ×1 • TF Card TF Card ×1 • SIM SIM Card ×2 • Pogo Pin Charging ×1 • Audio Earphone ×1
Material	Metal+plastic
Color	Black / Black-Yellow / Black-Green
Languages	Multi-language
Sensor	Acceleration Sensor, Gravity Sensor, Light Sensor, Proximity Sensor, Geomagnetic Sensor, Gyro Sensor
Accessories	• Power Adaptor x 1 • Hand Strap • USB Cable x 1

OTHER FUNCTIONS	
NFC	ISO18092, ISO14443 A/B, ISO15693 & Mifare Support
Fingerprint	Power On/Off & Fingerprint 2-in-1
Flashlight	1W
Custom Buttons	2 × Custom Buttons

Industrial Applications



Defence



Railways



Aerospace



Manufacturing



Oil & Gas



Mining



Pharma



Medical



Logistics



Smart City

Side View

