



5.5" Rugged Smartphone

RUGGED. RELIABLE. READY FOR INDUSTRY.

Comptek NR5502 5G is built for the extreme. Powered by MT6833 Helio P35, a massive 4200mAh battery, and a versatile triple camera system including night vision, it delivers top-tier performance and unrivaled endurance in any environment.



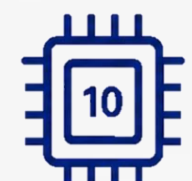
5.5" FHD
IPS



4GB
RAM



64GB
Storage



MT6833
Octa Core



13MP/5MP
Camera



5G+ Dual
SIM Support



1.5m Drop
Resistant

KEY FEATURES
✓ 5.5" FHD IPS Display
✓ MediaTek MT6833 Helio P35
✓ 4GB RAM + 65GB Storage
✓ 13MP/5MP Rear Camera
✓ Removable 3.85V/4200mAh Battery
✓ 5G+ Dual SIM Support
✓ Professional QR Code Scanning
✓ IP66 Waterproof Protection
✓ 1W /1115 Speakers
✓ NFC, GNSS, BT 5.0 & 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

OPTIONAL FUNCTIONS	
2D Scanning Module	Honeywell N6703 N5703 etc.

TECHNICAL SPECIFICATIONS	
NETWORK	
Technology	Global 2G, 3G, 4G LTE, 5G Network Compatibility
Multi-Band Cellular Connectivity	GSM/CDMA/HSPA/LT/ 5G (SA/NSA, Sub-6GHz)
DISPLAY	
Size	5.5 Inch
Type	IPS LCD 480 Nits Peak Brightness
Resolution	1440 x 720px
PROCESSOR, RAM & STORAGE	
Chipset	MediaTek MT6833 Helio P35
CPU	Octa-Core 2 × 2.2GHz Cortex-A76 6 × 2.2GHz Cortex-A55
GPU	Mali-G57 MC2
OS	Android 13.0
RAM	4GB
Internal Storage	64GB
BODY	
Dimensions	160.5 x 70.6 x 14.9 mm
Weight	256 g
SIM	Nano-SIM + Nano- SIM
Protection	• IP66 Dust & Water Resistant • Immersion up to 2m for 30 minutes • Drop resistant up to 1.5m • Temp. Range - -20°C~55°C • Storage. - -40°C~70°C • Humidity - 5%RH~95%RH

Other	
I/O Interfaces	• USB C-Type x 1 • SIM Slot x 2 • Charging Contacts x 2
Material	Metal+plastic
Color	Black + White
Languages	Multi-language
Indicator	Red/blue
Buttons	Power Button*1、 Volume +/-, Scanning Button*2
Sensor	Gravity sensor, light sensor, proximity sensor, Magnetic field sensor, gyro sensor
Accessories	• Power Adaptor x 1 • Battery x 1 • USB Cable x 1 • Hand Strap x 1 • Landyard x 1 • Charging dock x 1 (Optional)

BATTERY	
Battery	Removable 3.85V/4200mAh li-polymer battery

Side View



Industrial Applications

