



Operation System

OS	Android 14 (upgradable to Android 16) with GMS & AER certified
CPU	Qualcomm Snapdragon™ 6490 Processor, 64bits, Octa Cores up to 2.7 GHz
Memory	6 GB RAM / 64GB UFS Flash (128GB option)
Languages support	Multiple languages
AI	6th Gen Qualcomm AI Engine

Display

Screen	6.3" Color LCD 1080 X 2340 (FHD+) High Resolution Display High sunlight visibility- LCD backlight up to 500nits
Touch Panel	Gorilla Glass with Multi-Touch Capacitive Touch Panel, support stylus, glove, wet-finger Compatibility

Keypad

Programmable key, Volume up/down key, Left/right scan key, Power key

Indicator

LEDs, Vibrator, Speaker

Camera

5 MP Front camera
16 MP Rear Camera with LED flash and auto-focus function, Support Google ARcore

RFID

UHF	UHF gun grip (see RG768)
HF	Support HF/NFC Frequency 13.56Mhz Support: ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092)

Power Source

Main battery	Hot Swappable 5100mAh Li-ion battery / battery with cover in one piece
Extended battery	7700mAh / battery with cover in one piece (optional)
Hot Swap	Yes, Keeps applications active up to 1 minute

Enclosure

Dimensions (H x W x D)	167mm x 75.5mm x 17mm
Weight	270 g (with standard battery)

Symbologies

Built-in 2D imager engine with red laser aimer, with 1 Mpx & global shutter function
Optional Middle range engine support read range up to 10 meters
Support all 1D & 2D major barcodes

Communication

Bluetooth®	Bluetooth® 5.2 , BLE 5, Class 1.5
WLAN	Wi-Fi 6E(802.11ax), 2.4GHz & 5GHz & 6GHz, support Dual-Band Simultaneous (DBS) IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/mc/ax (2x2 MU-MIMO) Security WPA3, WPA2, WPA & WEP
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor

I/O Interfaces

USB	USB 3.1 type C, support fast charging, OTG, DP Alt Mode
POGO PIN	Bottom pogo pin for cradles, rear pogo pin for gun grips
Expansion Slot	Micro SD x 1, up to 1TB
Audio	SmartPA Speaker support 100 dB at 10cm Dual-Microphone support noise cancellation

Environmental

Operating temperature	-20°C to 55°C (-4°F to 131°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), without battery
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop test to Concrete	1.8 meter with bumper 1.5 meter without bumper
Environmental Sealing	IP65 & IP68 per IEC 60529
Vibration/ Tumble test	Tumble 600 times (1.6 ft./0.5 m)

Regulatory Approvals

CE, FCC, NCC, VCCI, TELEC, CCC, SRRC, BQB, N-Mark, RoHS 2.0

Accessories

Hand Strap
USB 3.0 type-C cable
Fast Charge Adaptor
9H Glass Screen Protector
Multi-Slot Terminal Charging / Ethernet Cradle / Battery Charger
1-Slot Charging / USB / Ethernet cradle
Standard/UHF Gun Grip
Stylus & Coiled Strap



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