

# CRUISE 3

## SEUIC Cruise3: Next-Gen Enterprise Mobility Solution

SEUIC Cruise3 redefines enterprise mobility with a powerful blend of performance, versatility, and long-term value. Powered by the 4nm Qualcomm Dragonwing Q-6690 processor (700k-900k AnTuTu score), it delivers nearly double the processing power of predecessors, ensuring seamless operation of enterprise apps. Its integrated UHF RFID (0-1.5m read range) eliminates external sleds, while the SEUIC X3 scanning engine and advanced OCR handle 1D/2D barcodes (even damaged ones) and document capture effortlessly.

Equipped with Wi-Fi 7 (5.8Gbps throughput), 5G+5G DSDA, and Bluetooth 6.0, it enables ultra-low-latency real-time synchronization and uninterrupted field work. The 6.0" FHD 600-nit edge-to-edge display ensures visibility in direct sunlight, complemented by hot-swap 5000/7000mAh batteries for 24/7 operation.

With industry-leading Android 16-20 support, LifeGuard security patches, and SEUIC CARE protection plans, it safeguards long-term investments. Backed by a robust accessory ecosystem and backwards compatibility, it lowers TCO while boosting productivity—making it the all-in-one solution for retail, warehouse, and field operations demanding efficiency, durability, and future readiness.



### Three-Sided NFC Functionality

Featuring a three-sided NFC design, Cruise3 enables fast and convenient near-field communication without precise alignment. Ideal for retail checkout, access control, and asset tag reading in warehouses, it streamlines contactless workflows and boosts operational efficiency for frontline workers.

### Powerful Processing Performance

Fueled by the 4nm Qualcomm Dragonwing Q-6690 processor (700k-900k AnTuTu score), Cruise3 delivers nearly double the processing power of predecessors. It ensures smooth operation of multiple enterprise apps and fast data processing, critical for high-volume inventory counts and peak-hour retail transactions.

### Integrated UHF RFID Technology

With a built-in UHF RFID module (0-1.5m read range), it eliminates the need for external sleds. This streamlines retail shelf stock checks and warehouse pallet scans, reducing equipment bulk and lowering total cost of ownership for businesses.

### Next-Gen Connectivity (Wi-Fi 7 + 5G)

Equipped with Wi-Fi 7 (5.8Gbps throughput) and 5G+5G DSDA, it enables ultra-low-latency real-time cloud synchronization. Ideal for busy warehouses and field teams, it ensures uninterrupted connectivity even in complex RF environments.

### Advanced Data Capture Capabilities

The SEUIC X3 scanning engine excels at capturing damaged/low-quality 1D/2D barcodes, while integrated OCR handles text and ID scanning. It replaces multiple devices, streamlining checkout, logistics labeling, and field service documentation workflows.

### Extended Lifecycle & Comprehensive Protection

Offering Android 16-20 support and LifeGuard security patches, it protects long-term investments for businesses with 3-5 year device lifecycles. Paired with SEUIC CARE plans, it covers hardware failures and accidental damage, minimizing downtime in harsh work settings.

# Specifications

## Physical Characteristics

Dimensions	6.34 in. L x 3.03 in. W x 0.54 in. D 161 mm L x 77.0 mm W x 13.6 mm D
Weight	9.7 oz./275 g to 10.06 oz./285 g (SKU dependent with standard battery)
Display	6 inch (1080x2160); 600 NITS
Touch Panel	Capacitive touch, supporting wet hand mode and glove mode. Corning Gorilla Glass
Power	Detachable 5000mAh Li-ion rechargeable battery (including spare battery); supports hot-swappable batteries
Expansion Slot	One 256 GB micro SD slot
SIM Slots	1 x Nano SIM, 1 x e-SIM
Network Connections	WWAN 5G, WLAN
Notifications	Audible tone; multi-color LEDs; vibration
Keypad	On-screen keypad
Voice and Audio	Built-in single speaker (2W), built-in dual microphones (with noise reduction function)
Buttons	Volume +, Volume -, Power button, Scan button x2, Programmable button
Interface Ports	Waterproof Type C USB interface; support USB3.1 High speed; support OTG; support fast charge;

## Performance Characteristics

CPU	QCM6690 FP4, 2.7 GHz Octa-core
Operating System	Android 16
Memory (RAM/Flash)	8 GB/128 GB; 12 GB/256 GB

## User Environment

Operating Temp.	-4° F to 131° F / -20° C to +50° C
Storage Temp.	-40° F to 158° F / -40° C to +70° C
Humidity	5% to 95% non-condensing
Drop Specification	5.91 ft. / 1.8 m drops to concrete at room temperature
Tumble Specification	1000 1.6 ft. / 0.5 m tumbles
Sealing	IP68

## Wireless WAN, Data and Voice Communications

WAN Radio Frequency Band	GSM: Qual Band(850/900/1800/1900Mhz) TD-SCDMA: NO WCDMA: Band1, Band2, Band5, Band8 CDMA 1x /EVDO : BC0 TDD-LTE: Band34, Band38, Band39, Band40, Band41, Band42 FDD-LTE: Band1, Band3, Band5, Band7, Band8, Band18, Band19, Band20, Band21, Band28 5G: n1/n3/n5/n8/n28/n38/n40/n41/n77/n78/n79 America: GSM: Qual Band(850/900/1800/1900Mhz) TD-SCDMA: NO WCDMA: Band2, Band4, Band5 CDMA 1x /EVDO : NO TDD-LTE: Band38, Band41, Band48 FDD-LTE: Band2, Band4, Band5, Band7, Band12, Band13, Band14, Band17, Band25, Band26, Band66, Band71 5G SA: n2/n5/n7/n12/n13/n14/n25/n26/n29/n38/n41/n48/n66/n71/n77/n78/n79
GPS	GPS, Beidou and GLONASS, compatible with AGPS  GPS: L1 (1.575GHz), L5 (1.176GHz), Beidou: B1 (1.561GHz); GLONASS: L1 (1.602GHz)

## Wireless LAN

Radio	IEEE 802.11be; 2x2 MIMO, Supports Tri-band (2.4 GHz/5 GHz/6 GHz)
Data Rates	6 GHz: up to 2.9 Gbps 5 GHz: up to 2.9 Gbps 2.4 GHz: up to 0.29 Gbps
Operating Channels	2.4 GHz Band: Operating Channels 1-14, supports 20 MHz/40 MHz channel width, 5 GHz Band: Covers UNII-1/2/3 sub-bands, operating channels 36-48, 52-64, 100-144 (region-dependent). Supports 20/40/80/160 MHz channel width and 80+80 MHz channel bonding, 6 GHz Band: Supports U-NII-5/6/7/8 sub-bands, operating channels 1 - 216 (region-dependent). Enables 320 MHz ultra-wide channel and 160+160 MHz channel bonding, Actual operating channels/ frequencies and bandwidths depend on regulatory rules and certification agency
Security and Encryption	1. Security Mode: Legacy Mode, WPA, WPA2, 802.1X 2. Encryption Algorithms: WEP40/WEP104, TKIP, AES 3. Authentication Protocols: EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, EAP-PWD, FIPS 140-2

## Wireless PAN

Bluetooth	Bluetooth 6.0 (Dual-Mode, Supports BLE)
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## Accessories

Standard Accessories	Portable adapter * 1 Type-C data cable * 1
Additional	Tempered Glass Screen Protector Protective Case (with Hand Strap) Single device charging cradle 5-slot charging cradle 4 batteries charger RFID handle

## Markets and Applications

### Retail

- Store Management
- Urban Distribution

### Logistics

- Collection and Delivery

### Public Services

- Patrol Inspection
- Asset Management
- Warehouse Management

### Manufacturing

- Production Management
- Shop Floor Reporting
- O&M Management

## User Environment

Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
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## Interactive Sensor Technology (IST)

Light Sensor	Support
Magnetometer	Support
Motion Sensor	Support
Proximity Sensor	Support

## Data Capture

Scanning	X3P+S8(H)
Camera	Front — 8 MP autofocus; Rear — 16 MP autofocus;
NFC	Supports tags compliant with ISO 15693, ISO 14443A/B (without encryption protocol), and ISO 14443A (with encryption protocol), including Mifare One S50, S70 and their compatible cards.