



XTRAGEN XTCTR-401HW



Performance

- CPU: Intel Alder Lake N100 Quad-core (0.8GHz Turbo 3.4GHz), GPU: Intel UHD Graphics 750MHz
- OS: Windows 10 Pro
- Display: 10.1-inch Capacitive Multi-touch IPS screen, FHD 1920×1200 pixels, 280cd/m² brightness



Reliability

- IP67 Waterproof and Dustproof
- MIL-STD-810G rugged certification
- Dimensions: 280 × 185 × 26.5 mm
- Battery: Built-in 3.7V/12000mAh Lithium Battery
- Navigation & Mapping: GPS + Beidou support



Features

- Rugged Design: Waterproof and Dustproof (IP67)
- MIL-STD-810G Certified for durability
- Fingerprint Scanner: Built-in for security
- NFC: 13.56MHz, compliant with ISO/IEC14443A/B/15693
- 2D Barcode Scanner: Newland EM3596 (optional)
- Handbelt: Optional
- Docking Station Support: 1DC port + 4USB host (optional)



Communication

- Wireless Network: Wi-Fi 802.11 a/b/g/n/ac (2.4G + 5G)
- Bluetooth: v4.0
- I/O Ports: 1RJ45 (100M/1000M), 1DB9 RS232 Serial port, 1USB3.0 Host, 1USB2.0 Host, 1DC port, 1TF Card Slot, 1micro HDMI port, 1earphone jack, 1*SIM Card Slot (for optional 4G module)
- 4G LTE: Optional module

Specification Parameter



Basic parameters

- **Dimension:** 280 × 185 × 26.5 mm
- **Weight:** Not specified
- **Display:** 10.1-inch Capacitive Multi-touch IPS screen, FHD 1920×1200 pixels, 280 cd/m² brightness
- **Camera:** Front 2.0MP, Rear 5.0MP
- **I/O Interface:** 1×RJ45 (100M/1000M), 1×DB9 RS232 Serial Port, 1×USB3.0 Host, 1×USB2.0 Host, 1×DC Port, 1×TF Card Slot, 1×Micro HDMI Port, 1×Earphone Jack, 1×SIM Card Slot (for optional 4G module)
- **Power:** DC port charging
- **Fingerprint:** Built-in Fingerprint Scanner
- **Touch Panel:** Multi-touch capacitive



Data Collection

- **NFC:** 13.56MHz, compliant with ISO/IEC14443A/B/15693
- **2D Barcode Scanner:** Newland EM3596 (optional)



Network connections

- **Wi-Fi:** 802.11 a/b/g/n/ac, 2.4G + 5GHz
- **Bluetooth:** 4.0
- **4G LTE:** Optional module
- **GNSS:** GPS + Beidou



Performance parameter

- **CPU:** Intel Alder Lake N100 Quad-core (0.8GHz Turbo up to 3.4GHz), GPU: Intel UHD Graphics 750MHz
- **OS:** Windows 10 Pro
- **RAM:** 16GB DDR
- **Storage:** 512GB eMMC



Battery

- **Capacity:** Built-in 3.7V/12000mAh Lithium Battery
- **Type:** Li-ion



Extension modules

- **Docking Station:** 1×DC port + 4×USB host (optional)
- **Handbelt:** Optional



Camera System

- **Rear :** 13MP, Auto Focus, LED Flash, 4K video recording @30fps
- **Front :** 5MP, FHD video recording @30fps
- **Other :** Digital Zoom, Face Recognition for unlock, AR support



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Enabling connectivity between Technology & People



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