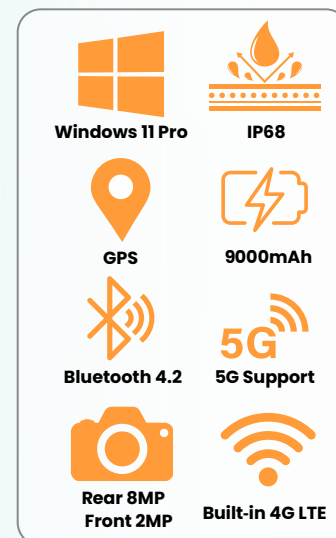




Xtragen XTCTR-201HW

Built rugged for robust durability and exceptional usability in the field



Performance

- **CPU:** Intel Jasper Lake Celeron N5100 Quad-core (1.1–2.8GHz)
- **Optional:** Intel i5-10210Y / i7-10510Y
- **GPU:** Intel UHD Graphics
- **OS:** Windows 11 Pro
- **Memory & Storage:**
Standard: 8GB DDR + 128GB eMMC
Optional: 16GB DDR + 256GB eMMC
- **Display:** 8" IPS FHD (1200×1920), capacitive multi-touch, 550cd/m2



Features

- **Dual Cameras:** Rear 8.0MP + Front 5.0MP
- **2D Barcode Scanner:** Newland N1 (optional)
- **NFC:** 13.56MHz, ISO/IEC14443A/B/15693 (optional)
- **GNSS Navigation:** GPS + Beidou + GLONASS
- **SIM card slot:** Yes
- **Accessories:** Hand-strap holder, back holder, vehicle holder, desktop charger (optional)
- VESA mount design on back cover



Reliability

- **Ruggedness:** MIL-STD-810G compliant
- **Protection:** IP68 waterproof & dustproof
- **Drop resistance:** 1.0 m drop resistant
- **Battery:**
Standard: 3.8V / 9000mAh Li-ion
Optional: 7.6V / 4500mAh Li-ion
- **Power Adapter:** Input 100–240V, Output 5V/3A
- **Dimensions:** 238 × 160 × 25 mm
- **Weight:** 850g



Communication

- 4G LTE (built-in)
- WiFi 802.11 a/b/g/n/ac
- Bluetooth 4.2

Specification Parameter



Basic parameters

- **Dimensions:** 238 × 160 × 25 mm
- **Weight:** ~850g
- **Display:** 8.0" IPS, FHD 1200 × 1920, capacitive multi-touch
- **Buttons:** Power, Volume, Programmable key (depending on config)
- **Durability:** IP68 waterproof & dustproof, MIL-STD-810G compliant
- **Mounting:** VESA design on back cover
- **Accessories:** Hand strap, vehicle holder, desktop charger (optional)
- **Ports :** 1*RJ45 100M/1000M Ethernet Port, 1*USB3.0 Host, 1*Type-C USB port, 1*DC, 1*TF Slot (max 256GB), 1*Micro HDMI port, 1*Ear. jack, 1*12-pin Pogo Pin port, 1*Sim Slot (optional),



Data Collection

- **2D Barcode Scanner:** Newland N1 (optional)
- **NFC:** Optional (13.56MHz, ISO/ IEC14443A/ B/ 15693)
- **Fingerprint Reader:** Optional



Network connections

- **WIFI :** Wi-Fi 802.11 a/b/g/n 2.4G + 5GHz
- **Bluetooth :** BT 4.2
- **4G/5G :** 4G LTE network module (optional)
- **GNSS :** GPS, Glonass, Beidou,



Performance parameter

- **CPU:** Intel Jasper Lake Celeron N5100 Quad-core (1.1–2.8GHz)
- **Optional:** Intel i5-10210U (1.6–4.2GHz) / Intel i7-10510U (1.8–4.9GHz)
- **GPU:** Intel UHD Graphics
- **OS:** Windows 10 Pro (default, free version) / Windows 11 Pro (optional)
- **RAM / Storage:**
Standard: 8GB DDR + 128GB eMMC
Optional: 16GB DDR + 256GB eMMC



Battery

- **Battery :** Standard: 3.8V / 9000mAh Li-ion
Optional: 7.6V / 4500mAh Li-ion
- **Power Adapter:** Input 100–240V, Output 5V/3A



Extension modules

- **RS232 / RS485** expansion via pogo/optional module
- **Extra USB & RJ45 ports** (optional module)
- **Vehicle dock, desktop dock, hand strap** (optional accessories)



Camera System

- **Rear:** 8.0MP
- **Front:** 5.0MP
- **Video:** Supported (standard Windows camera functions)



Xtragen Technologies Private Limited
Enabling connectivity between Technology & People



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