



XTRAGEN XTCTR-201W PRO



Performance

- **Processor:** Intel i5-1235U (12MB cache, up to 4.4 GHz, 10 cores, 12 threads, TDP 15W)
Optional Intel i7-1255U (12MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15W)
- **Operating System:** Windows 11 Pro
(Optional: Windows 11 Home / IoT Enterprise)
- **Memory (RAM):** 16GB LPDDR4 (Onboard)
- **Storage:** 128GB SSD (Optional upgrade to 256GB or 512GB)
- **Cooling:** Active intelligent cooling fan system for sustained performance under load.
- **Graphics:** Intel® Iris® Xe Graphics eligible



Reliability

- **Ingress Protection:** IP67
- **Rugged Standard:** MIL-STD-810H Certified
- **Drop Resistance:** Survives 4 ft (1.22m)
- **Operating Temperature:** -20°C to 60°C (-4°F to 140°F)
- **Storage Temperature:** -30°C to 70°C (-22°F to 158°F)



Features

- **Display:** 8-inch IPS screen, 1920 × 1200 (FHD) resolution
- **Brightness:** 8, FHD (1200x1920), 550 nits
Optional 8, HD (800x1280), 1000 nits
- **Touch:** 10-point capacitive multi-touch
(Support for glove and wet hand operation)
- **Battery:** 5700mAh (7.6V) Removable Li-ion battery
- **Cameras:** 13.0MP, 5.0MP
- **Data Collection (Optional):**
NFC (HF-RFID)
2D Barcode Scanner
Fingerprint Sensor
- **Sensors:** G-sensor



Communication

- **Wi-Fi:** Wi-Fi 6E (802.11a/b/g/n/ac/ax) for high speed and low latency
- **Bluetooth:** Bluetooth 5.3
- **Mobile Network:** 4G LTE (Optional module)
- **GNSS:** GPS, GLONASS, Beidou (Optional)

Specification Parameter



Basic parameters

- **Dimensions:** 236.8 × 155.8 × 21.6 mm
- **Weight:** 850g
- **Color:** Gray / Black
- **Display:** 8-inch IPS Panel
- **Resolution:** 1920 × 1200 (FHD)
- **Brightness:** 8, FHD (1200x1920), 550 nits
Optional 8, HD (800x1280), 1000 nits
- **Touch Panel:** 10-point Capacitive (Supports Glove/Wet Touch)
- **Cooling:** Active intelligent cooling fan system



Data Collection

- **NFC:** Optional (HF-RFID 13.56MHz)
- **Barcode Scanner:** Optional (2D Barcode Scan Engine)
- **Fingerprint:** Optional (Integrated Fingerprint Sensor)
- **Sensors:** G-sensor



Network connections

- **Wi-Fi:** Wi-Fi 6E (802.11a/b/g/n/ac/ax) for high speed and low latency
- **Bluetooth:** Bluetooth 5.3
- **Mobile Network:** 4G LTE (Optional module)
- **GNSS:** GPS, GLONASS, Beidou (Optional)



Camera System

- Front Camera: 5.0MP
- Rear Camera: 13.0MP



Performance parameter

- **Operating System:** Windows 11 Pro
(Optional: Windows 11 Home / IoT Enterprise)
- **Processor (CPU):**
Standard: Intel® Core™ i5-1235U (10 Cores, 12 Threads, up to 4.4GHz)
Optional: Intel® Core™ i7-1255U (10 Cores, 12 Threads, up to 4.7GHz)
- **Graphics (GPU):** Intel® Iris® Xe Graphics eligible
- **Memory (RAM):** 16GB LPDDR4 (Onboard)
- **Storage (ROM):** 128GB SSD (Optional: 256GB / 512GB)



Battery

- **Capacity:** Li-ion battery, 7.6V, 5700mAh, 8Hours
- **Type:** Removable Li-ion Battery
- **Charging:** RTC 3V/1mAh on board, AC adapter: 100-240V, 50Hz-60Hz, 48W (12V/4A)



Extension modules

- **USB Interface:** Type-A
- **Card Slots:** Nano SD Card Slot, Micro SD Card Slot
- **Audio:** High-fidelity speakers
- **Docking:** 1 × 12-pin Pogo Pin (Charging & Data)

ACCESSORIES



Xtragen Technologies Private Limited
Enabling connectivity between Technology & People



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