

Rugged Tablet PC Xtragen XTCTR 201Q



Performance



- Qualcomm Kryo™ 670 CPU and the AI-accelerated Qualcomm Hexagon™ 770 processor
- Android 14 OS, paired with 8GB+128GB of expansive memory
- 8-inch screen, with a high-capacity 10000mAh battery

Communication



- Integrated with a 5G modem and RF system, it supports mmWave and sub-6 GHz bands.
- TDD and FDD modes, and SA and NSA network deployments, covering nearly all critical regions worldwide
- Enhanced wireless connectivity with Wi-Fi 6E, BT5.2

Features



- GPS/ GLONASS/ Beidou navigation, L1+L5 dual-band positioning
- Supports NFC fast card reading, multiple communication protocols
- QR Code Module, quickly scan various 1D and 2D barcodes

Reliability



- MIL-STD-810H standards, 1.22m drop protection
- IP65 Dust and Water resistance Certified
- Constructed with wear-resistant materials, shock-absorbing architecture, and protective corner design

Product Six Views



Specification Parameter

Basic parameters

Dimension	: 236.7 x 155.7 x 20.8mm
Weight	: Device unit 820g
LCD	: 8 inch FHD 16:10,1920×1200,550nits Optional: HD, Resolution: 800*1280, Brightness: 1000nits
Camera	: Front 5.0MP, Rear 13.0MP (autofocus with flashlight)
Touch-panel	: 5 point capacitive touch screen, Tempered Glass, G+G, Hardness: 7H
I/O Interface	: USB 3.0 Type-A x 1, HDMI x 1, Type-C (Data&Charging) x 1, Nano-SIM x 2/Micro SD Supports up to 512GB x 1 + Nano-SIM x 1 (three-in-one card slot), 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, DC Supports 5V/4A Charging x 1
Power	: Power Input 100-240VAC 0.5A 50/60Hz DC Output 5V/4A

Performance parameter

CPU	: Octa-core 2.7G QCM6490, 6nm FinFET process, 1 A78 2.7GHz +3*A78 2.4GHz+ 4 A55 1.9GHz
OS	: Android 14/GMS
RAM	: 8GB LPDDR4x
ROM	: 128GB EMMC

Data Collection

2D	: Optical resolution: 5mil/scan speed: 50 times/s
NFC	: Built-in, 13.56MHz, Supports 14443A/ 14443B/ 15693 of ISO/ IEC Card reading distance: 0-4cm

Battery

Capacity	: 10000mAh/3.8V
Type	: Removable Polymer Lithium-ion battery
Endurance	: 12hrs
RTC	: Built-in rechargeable 3V/ 1mAh lithium-ion battery

Network connections

WIFI	: Wi-Fi 6E& DBS, IEEE 802.11 a/ b/g/n/ac/ax, Wi-Fi 2 × 2 MU- MIMO
Bluetooth	: BT5.2(BLE)
2G/3G/4G/5G	: 5G:SA/ NSA: n1/ 3/ 5/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 77/ 78/79 4G: B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 17/ 18/ 19/ 20/ 26/ 28/ 32/ 34/ 38/ 39/ 40/ 41/ 42 3G: B1/ 2/ 4/ 5/ 6/ 8/ 19 2G:B2/ 3/ 5/ 8
GNSS	: Supports: GPS/GLONASS/BDS; Dual-frequency L1 + L5;

Reliability

Working temperature	: -20 °C to 60 °C
Storage temperature	: -30 °C to 70 °C
Humidity	: 95% Non-Condensing
Rugged Feature	: IP65 certified, MIL-STD-810H certified
Drop Height	: 1.22m drop

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Enabling connectivity between Technology & People

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