

GPT-TRW10N Rugged Tablet PC



Performance Upgrade



Windows



IP65



GPS



Camera



Dual-battery



Fingerprint



NFC



4G/5G



WiFi



Bluetooth



Performance

- Intel JASPER LAKE N5100
- 8G+128GB / 16G+256GB (optional)
- Supports Windows 10/11, Linux

Function

- 10.1-inch HD&FULLHD Optional
- Versatile Interface, USB, HDMI, RJ45, RS232, etc.
- Single battery 5500mAh
- Optional NFC, Fingerprint module, 2D barcode scanner

Communication

- High speed Wi-Fi Dual band
- Supports 5G
- Bluetooth 5.2 for higher transfer speeds

Reliability

- IP68 high protection level, 1.22m drop resistant
- In accordance with MIL-STD-810H
- Explosion-proof (Intrinsically Safe) ATEX Ex
 - II 2G Ex ib op is IIC T4 Gb
 - II 2D Ex ib op is IIC T130°C Db

Product Six Views



*The technical specifications of this product are subject to change without prior notice.

Specification Parameter

Basic parameters

Size/Weight	276.0*180.5*22.5mm/1178g
Device Color	Black
LCD	10.1 inch LCD 16:10, 1920x1200 Optional 1280x800 700 nits, Optional 1000 nits
Touch Panel	10 point G+F capacitive touch screen, Hardness above 7H; Scratch-resistant; Supports glove touch
Camera	Front 5.0MP (USB) Rear 8.0MP (USB)
I/O	*1 Type-C Support PD charging *1 Type-A USB3.0 *1 RS232 *1 3.5mmStandard headphone jack *1 Maximum support 1TB expansion *1 Standard Micro SIM card slot *1Micro HDMI *1 12V-4A (DC plug outer diameter 3.5mm inner diameter 1.35mm) *1 12Pin USB+charger *1 RJ45
TPM	Built-in TPM security chip
Keys	On/off key, volume keys +/-, menu key custom keys (P key, F key)
Gravity sensor	Support

Battery

Capacity	Single battery 5500mAh; Supports 1000mAh custom battery
Type	Li_polyment, removeable battery
Endurance	7 hours and 30 min(playing 1080P video, conditions: 300 lumens at room temperature, 70dB at 30cm)

Reliability

Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Certifications	IP68, 3C, CE, U.S. military standard MIL-STD-810H certification, ISO quality certification system, ROHS ATEX
Drop Height	1.22m

Performance parameter

CPU	Intel JASPER LAKE N5100
OS	Windows 10/11, Linux
RAM	8 GB / 16 GB
ROM	128 GB / 256GB

Data Collection (all optional)

NFC	13.56MHZ, support 14443A/14443B/15693 protocols, etc.
Fingerprint	FBI certified fingerprints; login SPI interface
1D/2D Barcode	SE4107 2D scan engine with 1280x960 sensor, 44.5°(H)/33.5°(V) field of view and ≥20% print contrast, featuring a green aiming dot and warm white LED illumination. Supports a full range of 2D and 1D symbologies including QR Code, Data Matrix, PDF417, Aztec, Code 39/128/93, EAN/UPC and GS1 DataBar, as well as composite codes, international postal codes and OCR (OCR-A, OCR-B, travel documents, MICR and US currency serial numbers).
ID Card	Standard second-generation offline Ministry of Public Security certified ID card reader module
UHF	2 options: Within 2 meters, operating frequency 840-960MHz Within 5 meters, operating frequency 860-960MHz

Communication

WIFI	Built-in WIFI 802.11 b/g/n/ax , Wifi6
Bluetooth	BT5.2 Transmission distance: 10m
3G/4G/5G optional)	GPS, Beidou, Galileo, GLONASS, Optional Single-System BeiDou Positioning GSM : B2/B3/B5/B8 ; WCDMA : B1/2/4/5/6/8/19 ; CDMA : BCO/BC1/BC10 FDD : B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66/71 TDD : B34/38/39/40/41 5G NSA : N1/2/3/7/12/5/41/66/77/78/79 5G SA : N1/2/3/5/7/8/12/20/25/28/38/40/41/66/71/77/78/79

Other

Optioanal Accessories	Docking station; vehicle mount; carrying bag; shoulder strap
Power adapter	12V-4A, DC power adapter
Speaker	*2, Speaker, 1.2W/8Ω
Microphone	*1, MIC
Optional ATEX Certification	II 2G Ex ib op is IIC T4 Gb II 2D Ex ib op is IIIC T130°C Db

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

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