

MINNO

RUGGED TABLETS

Intrepid W10

Windows 10-inch Rugged Tablet



Performance

- Intel Jasper Lake processor Celeron N5100
- 10.1 inch IPS screen, 1920x1200 TFT
- 10 point tempered glass capacitive screen G+G, hardness 7H

Communication

- Extension interface (choose 1 of 3: RJ45, DB9, USB Type-A)
- Efficient file transfer rely with advanced USB Type-A/Type-C 3.0/3.1 I/O port
- Optional high performance Zebra 2D scanner

Features

- Removable 5000mAh battery & battery-free working mode
- Front 5.0MP + Rear 8.0MP, auto-focus with flashlight
- Symmetric speakers
- User-friendly buttons designed for efficient action

Rugged ratings & durability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dust-proof, MIL-STD-810G certified
- Approved ATEX 2/22 Zone explosion-proof certification for use in potentially explosive and hazardous environments.
 - II 3G Ex ic op is IIC T4 Gc
 - II 3D Ex ic op is IIIB T130°C Dc



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Specification

General	
Dimension	274.9 x 188.7 x 23.1mm
Weight	device 1140g
Color	Black
LCD	10.1 inch FHD 16:10, 1920×1200, 400 nits, Optional, HD 16:10, 1280×800, 700 nits
Touch Pane	10 points tempered glass capacitive screen G+C, hardness 7H
Camera	Front 5.0MP Rear 8.0MP, auto-focus, with flashlight function
I/O	USB 3.0 Type-A x 1, USB Type-C 3.1 x 1, SIM Card, TF Card (Three in one card holder), HDMI 2.0a Mini x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Extension interface (choose 1 of 3)	RJ45 (10/100M) x 1, DB9 (RS232) x 1, USB 2.0 Type-A x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C

Performance	
CPU	Intel JASPER LAKE N5100 processor, 4-core, 4-thread, embedded 4 MB SmartCache, TDP 6W
GPU	Intel® HD Graphics Gen 11 LP
OS	Windows 11 Pro, Optional Windows IoT
RAM	8GB DDR
Storage	128GB Emmc, upgrade to 256GB

Battery	
Built-in	Built-in polymer lithium-ion battery, with a capacity of 3V/1mAh5000mAh/7.6V
Removable	Removable Li-polymer 5000mAh/7.6V battery
Endurance	8hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Network connections	
WIFI	802.11 a/b/g/n/ac Dual frequency 2.4G+5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	LTE FDD: LTE B2/B4/B5/B12/B13/B14/B66/B71 (EC25-AF)
GNSS	Supports GPS (L1 1.575GHz C/A code), GLONASS (L1 1.602GHz), start time is not more than 60s

Reliability	
Temperature	Operating -20 °C ~ 60 °C / Storage -30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Ratings	IP65, MIL-STD-810G , 1.22m drop height
	ECM 23 ATEX-B
	Electrostatic discharge: ± 8kV contact discharge, ± 15kV air discharge

Data Collection	
2D	Optional: Honeywell N3680
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

Accessories



Docking Charger



Car Charge



TP Resist film



Vehicle Mount



Back-strap



Shoulder-strap



Leather Cover



Quad Charger

Industry Use:

Various modules and accessories to meet all applications in most rugged industries.



Vehicle Mounted: Truck, Forklift & Trash Collection



Manufacturing & Logistics



POS & Food Service



Farming & Agriculture

