



FEATURES

- 10.1" IPS LCD Screen (1920 x 1200 Resolution)
- Intel Alder Lake i5-1235U Processor
- Windows 11 Pro or Windows 10 & 11 IoT OS
- IP66 Water & Dust Protection
- 4ft Drop / Shock Protection (MIL-STD-810H)
- Hot Swappable Battery and Internal Battery
- Outdoor LCD Display (800 nits)
- Integrated GPS and 4G LTE Connectivity (4G Optional)

With cutting-edge performance powered by the Intel Alder Lake Processor, the UR-100N is a powerful and versatile tablet that's ready to go through any operation in all conditions while providing high-tech solutions that increase productivity, improve safety, and decrease operational costs.

SPECIFICATIONS

RUGGEDNESS

IP Rating	IP66
Drop Rating	MIL-STD-810H, 4ft to Marble, Method 516.8, Procedure IV
Shock Rating	MIL-STD-810H, Method 516.8, Procedure I
EMC Test	MIL-STD-461F
ESD Protection	Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility 8KV Contact, 12KV Air

SYSTEM

Processor	Intel Alder Lake i5-1235U, Max Turbo Frequency 4.4GHz, 12MB Intel Smart Cache
GPU	Intel® Iris® Xe Graphics, Max Frequency 1.2GHz
Memory	16GB LPDDR5
Storage	256GB MSATA SSD, M.2 Interface, Optional: 512GB / 1TB, Compatible NVMe SSD
OS	Windows 11 Pro 64bit or Windows 10 & 11 IoT
Security	TPM 2.0

DISPLAY

Screen Size	10.1" IPS LCD
Resolution	1920 x 1200
Brightness	800 nits Backlight, Sunlight Readable
View Angle	+/- 85°
Contrast Ratio	1200 : 1
Touch Screen	Capacitive 10-Point Touch Chemically Hardened Glass for Front Impact Resistance User Selectable Touch Mode for Finger, Water, Glove, or Stylus Programmable Function User Replaceable Anti-glaring Film

COMMUNICATIONS

Wi-Fi	Intel® Wi-Fi 6E AX210
Bluetooth	Bluetooth 5.2
GPS	UBlox NEO-M9N, Support GPS, GLONASS, Galileo, BDS
4G LTE (Optional)	Accept most 4G LTE Module in M.2 Interface
Module (Optional)	1 x RJ45 10/100M Port 1 x RS232 DB9 Port

POWER

AC Adapter	110-240V AC Input, 19V DC 3.42A Output, Standard US Plug Optional Multi-National AC Plugs
Battery	11.1V 6000mAh 66.6Wh, Hot Swappable 7.4V 880mAh 6.5Wh, Internal Battery

I/O INTERFACE

Sensors	G-sensor, Light sensor
Audio	1 x Built-in Microphone, 1 x Speaker
Camera	Front Camera: 2MP Rear Camera: 8MP with Auto Focus, LED
Ports	1 x USB 3.2 Type C (Charging / USB 3.1 / Display) 2 x USB 3.0 Type A 1 x HDMI Type A 1 x DC Jack 1 x Type C (Only Charging) 1 x Micro SD Slot, Maximum 1TB 1 x Nano SIM Slot 1 x Docking Connector 1 x 10/100M Ethernet (RJ45) 1 x USB 2.0 Type A
Buttons	Power on/off, F1 (Rear Camera LED), F2 (Default Volume -), F3 (Default Volume +), Default Brightness - Button Default Brightness + Button, Windows Home Button
Stylus	Support

MECHANICAL

Chassis	PC (Dark Grey) + Rubber (Black)
Dimensions	268.5 x 191 x 22.35 (29)mm
Weight	1.2Kg

ENVIRONMENTAL

Operating Temperature	-20°C to 60°C
Storage Temperature	-40°C to 70°C
Humidity	10% to 95% Non-condensing
RoHS	Compliant

REGULATORY

Certification	CE, REACH, WEEE UN38.3, MSDS, IEC 62133, CCC
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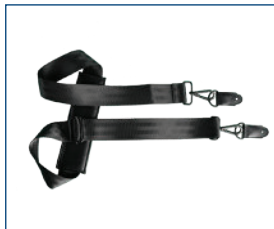
PRODUCT DIMENSIONS



OPTIONAL MODULES and ACCESSORIES



Hand Strap



Shoulder Strap



Battery Charger



RS232 Module



Docking Station

MARKET & APPLICATIONS:

Industrial Manufacturing: Field Service Management, Inventory Management

Construction and Engineering: Project Management, Blueprint Access and Modification On-site

Healthcare: Patient Care, Home Healthcare

Public Safety and Law Enforcement: Emergency Response, Incident Reporting in real-time

Military and Defense: Battlefield Communication, Field Data Collection and Analysis

Transportation and Logistics: Fleet Management, Inventory Tracking

Energy and Utilities: Field Inspections, Data Logging and Monitoring

Agriculture: Farm Management, Precision Agriculture