



FEATURES

- 10.1" IPS LCD Display (1920 x 1200 Resolution)
- Sunlight Readable LCD Display (800 nits)
- 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
- Optional 4G LTE, Integrated GPS

The UR-100N rugged tablet is built to excel in the toughest environments, featuring a 10.1" sunlight-readable display and powered by the Intel Alder Lake i5-1235U processor. Designed for reliability, it offers IP66 water and dust protection, MIL-STD-810H 4ft drop resistance, and a hot-swappable battery, ensuring uninterrupted operation in industrial fieldwork, military settings, and emergency response situations. As a leading ODM/OEM provider, we offer tailored solutions with optional 4G LTE connectivity, modules, and custom accessories to perfectly align with your industry's unique demands.

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 (Compliant) For Conduction and Radiation Susceptibility
ESD Protection	8kV Contact, 12kV Air

SYSTEM

Processor	Intel® Alder Lake i5-1235U, 4.4GHz Max Turbo Frequency 12MB Intel® Smart Cache
GPU	Intel® Iris® Xe Graphics, 1.2GHz, Max Dynamic Frequency
Memory	16GB LPDDR5 RAM
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	10-point Capacitive Touchscreen User Selectable Touch Mode, Supports Glove, Water and Stylus Input Chemically Hardened Glass User - Replaceable Anti-glare Film

POWER

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

MECHANICAL

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

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 and LED Flash
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 Power 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 RJ45 Port 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

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 RS232 DB9 Port

ENVIRONMENTAL

Temperature:	
- Operation	-20°C to 60°C
- Storage	-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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DIMENSIONS AND SYSTEM LAYOUT



OPTIONAL MODULES AND ACCESSORIES



Hand Strap



Shoulder Strap



Battery Charger



Stylus



Docking Station



Expansion Slot



High Precision Module



RJ45 + USB 2.0



RS232 Module