



U100 RUGGED TABLET



The lightweight yet rugged design and extensive interface options of the U100 make it ideal for a wide range of industrial applications, including automotive R&D diagnostics, factory production management, construction vehicle operations, energy exploration, and various inspection tasks. The rear expansion module can be customized to integrate fingerprint, RFID, NFC modules, or industrial serial ports based on your requirements. The U100 is engineered to withstand a 1.2-meter drop onto concrete and is rated IP65 for dust and water resistance. Its 800-nit display ensures excellent visibility under direct sunlight and supports both wet-hand and gloved-touch operations, while the detachable high-capacity battery design guarantees prolonged performance in even the harshest environments.

Bridge battery – complimentary
Large battery – detachable



Engineered to resist the impacts of submersion, dust, and heavy rainfall, its magnesium alloy bracket design can withstand accidental drops from 1.2 meters.



U100

RUGGED TABLET



SPECIFICATIONS

SYSTEM

Display	10.0 inch / 1200 * 1920 HD / 800 nits
TP	10-point touch / Wet Hand Mode / Glove Mode/Capacitive
CPU	Intel Elkhart Lake N6415 1.2GHz up to 3.0GHz 4 Cores 4 Threads
OS	Microsoft Windows 11 IOT Enterprise
Storage	8GB LPDDR4x + 128GB eMMC

MULTIMEDIA

Rear Camera	5MP /Support Auto focus
Front Camera	2MP
Speaker	10cm no less 95dB at 1kHz 1W
Indicator LED	3 LED (Front camera, Power, Battery)
Mic	Standard x1

SENSORS

	Light-sensor
	G-sensor

EXTERNAL PORTS

Basic interfaces	1*Type-C 2.0 (support charging, Host) /1*Type-C 3.1 (support charging, Host, HDMI) /1*USB Type-A 2.0 (Host) /1*USB Type-A 3.1 (Host)
Network Interface	1*RJ45 10/100/1000M
Extension Interface	1*Micro SD card slot support SDXC 2TB maximum
Communication interface	1*Nano-SIM card slot
Earphone Interface	1*3.5mm
Other interfaces	Back-dock 14pin pogopin /Bottom-Docking 7pin pogopin(Charging, USB2.0)
Safety	TPM2.0

BATTERY

Battery	Removeable, Li-polym 7.6V 4200mAh (31.92Wh)
Charging time	Charging to 100% ≤4 hours

ENVIRONMENTAL

Working Temperature	-10°C ~ +60°C
Storage Temperature	-40°C ~ +70°C
Humidity	0-95% RH, non-condensing
ESD	Contact type 8KV, Air type 10KV
Protection	IP67
Drop	1.22 m drop to marble

WIRELESS

GNSS	Beidou / GPS / GLONASS / Galileo	
Wi-Fi	802.11 a/b/g/n/ac/ax (2.4 & 5GHz & 6GHz) MIMO 2x2 Intel AX210	
Bluetooth	V5.2 BLE	
Mobile Network	FDD-LTE	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B28(b)/B66
	TDD-LTE	B38/B39/B40/B41
	WCDMA	B1/B2/B5/B8

ACCESSORIES

	Capacitive Stylus		Dual Battery Charger		Hand Strap		Barcode Scanning
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