

GEODESICAL WIN TABLET 80



8 inch Intel Rugged Tablet

KEY FEATURES

- Windows 10
- Intel® Celeron® Processor N5100 Jasper Lake
- 8" IPS FHD 1200*1920 550 Nits
- 4GB +64GB
- G Sensor, Gyro., E-Compass, Accelerometer, Light Sensor
- Bluetooth® 5.0



Operation System

OS	Windows 10
CPU	Intel® Celeron® Processor N5100 Jasper Lake
Memory	4GB +64GB
Language support	Multi-Language

Display

Size	8" IPS FHD 1200*1920 550 Nits
Screen Technology	Corning® Gorilla® 3
Touch Pannel	Capacitive, 5-Point Touchscreen, Glove/Wet Finger Supported

Enclosure

Dimensions	8" 237 x 156 x 20mm (9.3 x 6.1x 0.8inch)
Weight	910g (32oz)

Camera/Fotos/Video

Rear	8M Autofocus with Flash Light
Front	5M
Flash Lights	Support

Keypad

8 Functions keys	F1/Home/Volume +/- /Power
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Audio

Audio PA	Built-in 8Ω/0.8w Speaker
Audio Jack	ø3.5mm Earphone Jack
MIC	Single Microphone

Indicator

RG Indicator

Symbologies

RFID(NFC)	Support UHF / NFC NFC Module(By Optional Built-in) UHF RFID module (By Optional Built-in) 1D/2D Scanner module (By Optional Built-in) Vehicle Charging (By Optional Accessories)
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Power Source

Battery	Swappable Lithium-ion Polymer
LI-ion battery	5000mAh, Rechargeable and Replaceable Lithium-ion Battery
Voltage	7.6V
Adapter	AC100 - 240V Power adapter with EU, UK, US and Au

Battery Approvals

UN38.3, MSDS, IEC62133

Regulatory Approvals

FCC, CE, RoHS
IP65
MIL-STD-810G

Software

Compatible with common third-party software,

Communication

SD	1 * Micro SD Support max: 512G
SIM	1 * Nano SIM Card
Sensors	G Sensor, Gyro., E-Compass, Accelerometer, Light Sensor
I/O	1 * USB 3.0 1 * Type C 1 * HDMI 14a mini
Pogo Pin	12" Bottom Pins Pogo Pin USB2.0/DCIN/GPIO/UART
Bluetooth®	Bluetooth® 5.0
GPS	GPS/GLONASS/BeiDou(By Optional) GPS L1 1.575GHz C/A code GLONASS L1 1.602GHz Beidou B11 1561.098GHz (By Optional Module)
WLAN	Support UHF / NFC
NFC	NFC Module(By Optional Built-in)
Wifi	Wi-Fi 802.11 a/b/g/n/ac, 2.4GHz/5.8GHz
WWAN	GSM:900/1800 WCDMA: B1/B5/B8 FDD-LTE:B1/B3/B5/B7/B8/B20 LTE-TDD: B40

Environment

Operating temperature	-20°C~60°C(-4°F~140 °F)
Storage temperature	-30°C~70°C(-22°F~158 °F)
Relative Humidity	95% No Condensation
Drop Specification	1.2M (3.9 ft) Drop
Ingress Protection	MIL-STD-810G

Inside the box



TWB80 Device
7.6V/5000mAh Battery
AC100 - 240V Power adapter with EU, UK, US and Au

Accessories

- Handstrap
- Shoulder Strap
- Bag
- Protected Case
- Stand
- Stylus
- Micro SD Card
- Metal Cradle
- Vehicle Mounting
- Battery Charger
- Desk Docking (LAN, USB x 3)
- Integrated Vehicle Mount Dock (2 x USB, 1 x serial)
- Cigarette Charger

Optional Spec.

- 8+128GB
- Microsoft License