

CHCNAV

LT800

RUGGED GNSS TABLET



**MAPPING &
GEOSPATIAL**

RUGGED TABLET FOR PROFESSIONAL DATA COLLECTION

The LT800 is a rugged Android™ tablet designed to increase the efficiency and productivity of mobile workforce in applications that require meter-level GNSS positioning and uninterrupted performance. Portable, rugged and versatile, it enables GIS data collection, environmental surveys, landscaping and other scenarios.

Its 8.1" sunlight-readable display makes it easy to view GIS data tables, complex vector and raster maps, and high-resolution images clearly, even in direct sunlight and brightly lit areas. Its IP67-rated industrial design enables it to withstand daily use in harsh environments and conditions, making it a preferred choice for field crews with demanding requirements.

HIGH PERFORMANCE IN ALL ASPECTS

Make data collection seamless

The LT800 Android tablet increases productivity with a built-in 2.0 GHz octa-core processor that displays large maps and data sets without lag or slowdown. Its dual-SIM 4G modem provides fast and reliable connectivity between teams in the field. The sunlight viewable 8.1" Corning Gorilla Glass 3 IPS touchscreen offers extended durability in all environments. In addition, the LT800 capacitive multi-touch screen allows data capture with a stylus, gloves or wet hands to accommodate all working conditions.

HIGH-SENSITIVITY GNSS MODULE

Robust, reliable, full constellation GNSS positioning

The LT800 Android tablet features a high-performance, high-sensitivity 45 channel GNSS module supporting GPS, Glonass, Galileo and BeiDou to deliver meter-level positioning accuracy in the most challenging environments.

HIGH PORTABILITY AND VERSATILE

GMS certified for extended compatibility

The LT800's Google Mobile Service (GMS) and Android Enterprise Recommended (AER) certifications provide assurance of software compatibility and optimal performance. The tablet is designed to work seamlessly with the most popular enterprise data collection applications available in the Google Play Store. The LT800's certification ensures the highest levels of security and usability, making it ideal for easy integration into existing IT ecosystems.

KEEP YOUR DATA SECURE

Industrial IP67 design and 9000mAh Li-ion battery

The LT800 Android tablet is built to withstand harsh environments and adverse weather conditions, ensuring that data is safe no matter where it is collected. The LT800 also offers an impressive 10 hours of battery life, allowing mobile professionals to focus on collecting data without interruption. Extended battery life means less downtime and more productive time in the field.



**PROFESSIONAL
RUGGED
TABLET**



**ENABLE MOBILE
WORKFORCE ANYTIME,
ANYWHERE**

SPECIFICATIONS

System	
Operating system	Android 12.0 GMS certified
CPU	Advanced octa-core CPU 2.0 GHz
RAM	6 GB
ROM	128 GB
Extension	Micro SD card, up to 256 GB
GNSS Accuracies ⁽¹⁾	
Channel	45
Constellation	GPS L1C/A, GLO L1, BDS B1, GLE E1
Autonomous	2~5 m HRMS
Display	
Size	8.1" touch screen
Resolution	1920 x 1200
Brightness	600 cd/m ² glare resistant, excellent sunlight readable screen
Touch screen	Capacitive multi-touch, 5 points
Screen technology	IPS display panel Corning [®] Gorilla [®] Glass 3
Cameras	
Front	8 MP
Rear	16 MP
Flash light	Integrated
Battery	
Li-ion battery	9000 mAh
Voltage	3.8 V
Battery life	10 h ⁽²⁾
Charging time	4.0 h Fast charging: QC 3.0

Physical	
Dust and water proof	IP67
Shock	1.2 m fall onto concrete
Humidity	5% - 95% RH (without condensation)
Size (L x W x H)	215.5 mm x 130 mm x 14.5 mm (8.5 in x 5.1 in x 0.6 in)
Weight	550 g (19.4 oz) with battery
Environment	Operating: -20°C to +60°C (-4°F to +140°F) Storage: -40°C to +70°C (-40°F to +158°F)
Communications	
Wi-Fi	802.11 a/b/g/n/ac
Bluetooth [®]	Bluetooth [™] 5.1
USB	Type C, OTG
Network 4G modem (Built in 4G modem)	GSM:B2/B3/B5/B8 WCDMA: B1/B2/B4/B5/B8/B19 CDMA EVDO: BCO TD-SCDMA:B34/B39 LTEFDD: B1/B2/B3/B4/B5/B7/B8/ B12/B17/B18/B19/B20/B26/B28 LTE TDD: B34/B38/B34/B39/B40/ B41
SIM card type	Dual nano SIM card

Internal sensors	
NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope	

Accessories	
<ul style="list-style-type: none"> - Screen protector - Packaging box - Stylus - Type-C USB cable - Charger 	

* All specifications are subject to change without notice.
 * Android[™], Google Play and other marks are trademarks of Google LLC.
 * Bluetooth[®] is the trademark owned by Bluetooth SIG, Inc.

(1) Accuracy and reliability are determined under clear unobstructed conditions, multipath, satellite geometry and atmospheric conditions. Performances assume minimum of 5 satellites, follow up of recommended general GPS practices. (2) 25°C continuous data collection, 100% brightness.

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