

LT700

Android Rugged Tablet



Make your work more efficient

Hardware Description

LT700 Android Rugged Tablet

The CHCNAV's LT700 rugged tablet is the ideal companion designed to increase efficiency and productivity of mobile field work force in different industries and applications. Featuring a 8-inch sunlight-viewable screen, the LT700 perfectly displays any GIS data tables, complex vector and raster maps or high-resolution pictures.

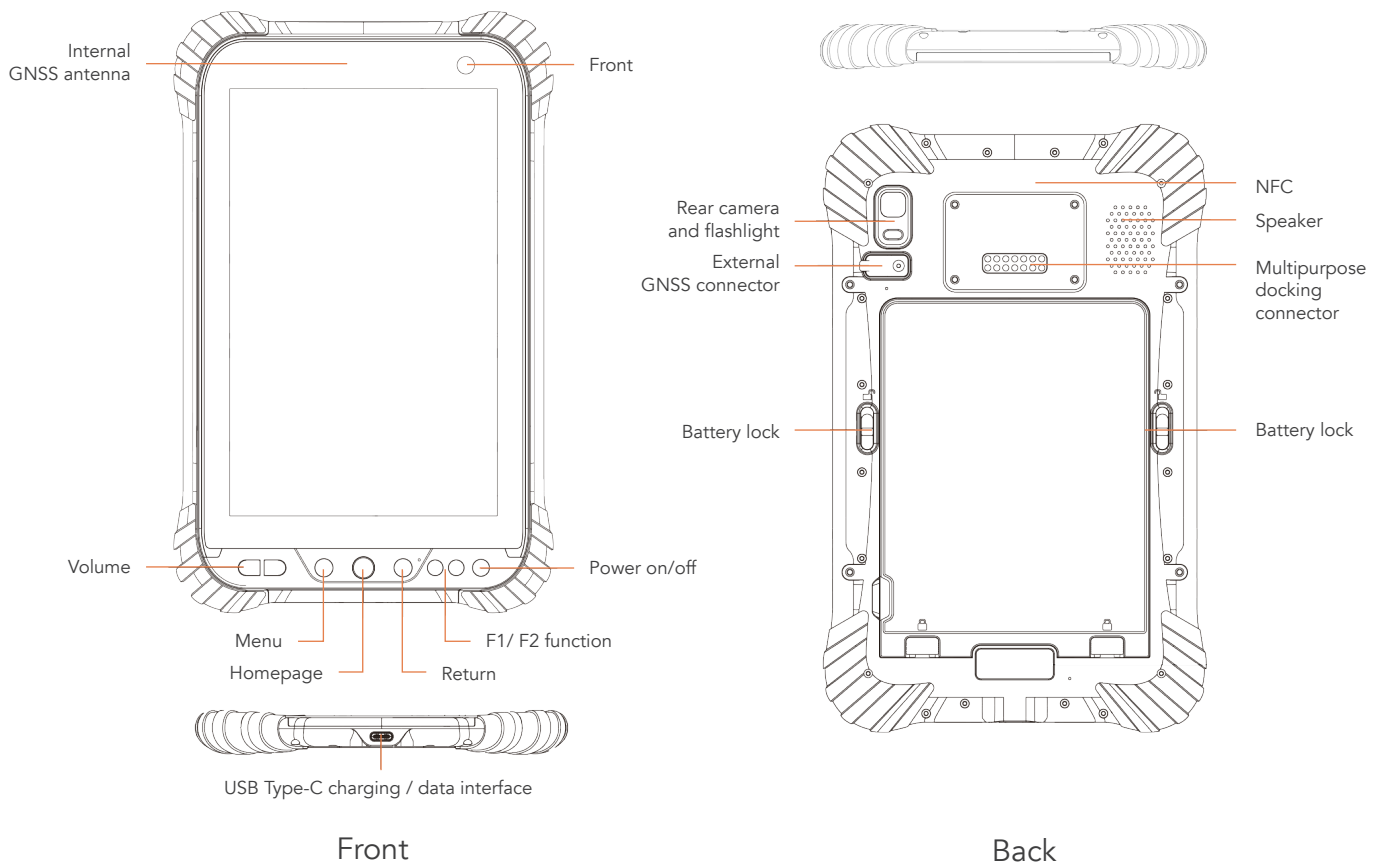
Unlike consumer-grade tablets, the LT700 industrial IP67 design withstands all-day use in harsh environments and conditions. Protected from dust, rain, extreme temperatures as well as accidental drops from 1.2 m, the LT700 always keeps your data secure.



Environmental survey



Asset management



Core Technology



Rugged Mobility

Thin and lightweight, the handy and versatile LT700 rugged tablet is the perfect companion for mobile field workers.



Latest Android OS

Driven by Android 8.1, the LT700 runs seamlessly the most common professional GIS software applications.



Durability

Rugged design, soft corner bumpers and long battery life provide the LT700 with the capability to perform uninterrupted for a complete working day.



High Performances

The octa-core 2.2 GHz CPU supports running large maps and datasets without any lag or slowdown making your work even more productive.



Brilliant Display

Vivid and sharp 8-inch, 450 cd/m2 sunlight readable touchscreen display for enhanced maps and data visualization.



GNSS and Connectivity

The integrated GNSS module (GPS/GLONASS/BDS/SBAS) provides robust positioning performances. The LT700 dual-SIM 4G modem ensures fast and reliable connection with mobile teams.

Applications

Android OS makes it easy to install any 3rd party GIS or data collection software application. The LT700 rugged tablet provides advanced solution to the most demanding applications such as forestry, utilities and asset management or environmental surveys.



Utilities



Forestry

Specifications

System	
Operating system	Android™ 8.1 GMS certified
CPU	Octa-core 2.2 GHz
RAM	4 GB
ROM	64 GB
Extension	Micro SD card, up to 128 GB
GNSS Accuracies ⁽¹⁾	
Channel	72
Constellation	GPS L1, GLONASS L1, BDS L1, SBAS
Autonomous	3 - 5 m
SBAS	1 - 3 m
Display	
Size	8" IPS Glass touch screen
Resolution	1920 x1200
Brightness	450 cd/m ²
Touch Screen	Capacitive multi-touch, 10 points
Screen technology	IPS display panel Corning® Gorilla® Glass 3
Camera	
Front	5 MP
Rear	16 MP
Flash light	Integrated
Physical	
Dust and Water Proof	IP67
Shock	1.2 m (4.0 ft) fall onto concrete
Humidity	5% - 95% RH (without condensation)
Size(L x W x H)	235 mm x 146 mm x 13 mm (9.3 in x 5.7 in x 0.5 in)
Weight	560 g (19.8 oz) with battery
Environment	Operating: -20°C to + 60°C (-4°F to +140°F) Storage: -30°C to + 70°C (-22°F to +158°F)

Communications	
Wi-Fi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth™ 4.1
USB	Type C, OTG (support hot plug)
Network modem (Built in 4G modem)	GSM: 850/900/1800/1900 WCDMA: B1/B2/B5/B8 FDD-LTE: Band1/Band3/Band4/Band5/ Band7/Band8/Band17/Band20/Band28
Battery ⁽²⁾	
Li-ion battery	8000 mAh
Voltage	3.8 V
Battery Life	12 h
Charging Time	5.5 h
Internal sensors	
NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope	

*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) Battery life is dependent on factors such as environment temperature, brightness, CPU service conditions etc.



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