

# LT300



## KEY FEATURES

- **7.0" rugged tablet computer**
- **GPS module, support BeiDou system**
- **Android 4.2 operation system**
- **Quad core 1.2GHz CPU, 1G RAM, 4G ROM**
- **Support magnetometer, RFID, gravity sensor, NFC**
- **10000 mAh long life battery**

### LT300 GIS Tablet Terminal Industrial Grade Tablet Solution

The CHC LT300 is a tablet computer designed for various outdoor data collection solutions with more convenience and efficiency in different application areas, like electric inspection, law enforcement and asset management.

The bigger screen and greater computing power make it play a greater role in the field working. Adopting GPS+BeiDou positioning module and Android 4.2 operation system, LT300 can run application software with more flexibility.

#### Data Communication

Via Bluetooth, WiFi and 3G (WCDMA/GSM/HSPA), LT300 owns the ability to work with other devices. Also, the integrated communication capabilities enable the real-time data exchange with office or the cloud smoothly.

#### Rugged Design

Rugged design from inside out, LT300 can survive a 0.8-meter drop to concrete and with IP65 rating protection, which make LT300 the choice for you to keep working in tough environment. Moreover, with 10000 mAh vast capacity battery, you can work with confidence in the field away from a power source.



# Technical Specifications

## GNSS characteristics

- 50-channel signal tracking
  - GPS: L1, CA code
  - BeiDou: B1
  - SBAS: WAAS, MSAS and EGNOS
- Update Rate: 1Hz
- Time to first fix
  - Cold Start: < 45 s
  - Hot Start: < 3 s

## Performance specifications <sup>(1)</sup>

- Stand alone: 3-5 m RMS
- With SBAS: 1-3 m RMS

## System configuration

- Android 4.2 operation system
- 7" capacitive touch screen
- Resolution: 1024 X 600 pixel
- Processor: 1.2 GHz
- Memory:
  - Internal 1 GB RAM and 4 GB internal flash storage
  - External TF card slot up to 32 GB
- 2.0 megapixel front camera and 5.0 megapixel rear camera

## Communications

- 3G modem: WCDMA/GSM/HSPA+(42M downlink)
- Bluetooth V4.0
- WIFI: WLAN 802.11 b/g
- Mini USB port
- Built-in microphone and speaker
- RFID: 13.56 Mhz (optional)

## Physical

- Size (LxWxH): 200 x 130 x 22 mm (7.9 x 5.1 x 0.9 in)
- Weight: 480 g with battery (16.9 oz)
- Operating Temperature: -30 °C to +60 °C (-22°F to 140°F)
- Storage Temperature: -40 °C to +70°C (-40°F to 158°F)
- Dust proof and waterproof: IP65
- Shock: survives a 0.8-meter / 2.6-foot drop on to concrete

## Electrical

- Li-ion battery capacity: 10000 mAh
- Battery life: up to 8 hours with GPS and backlight
- Charging time: < 4 hours (typical)

## Sensors

- Electronic compass
- Gyroscope

## Package content

- CHC LT300 GIS tablet
- AC power adapter
- Documentation

<sup>(1)</sup> Accuracy and reliability specifications may be affected by multi path, satellite geometry and atmospheric conditions. Performances assume minimum of 5 satellites, follow up of recommended general GPS practices.

Specifications are subject to change without notice.



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