

LT101TF 10.1 inch

Vehicle-mount Terminal



GNSS



IP65



9-36V
Wide Voltage



4G, WiFi, BT



Capacitive
Touch Screen



Wide Temperature
Operation



Aeroplug
Interface



700nit Screen



Performance

- Intel Jasper Lake processor Celeron N5100
- Windows 10/11 OS, Up to 16GB+512GB
- 10.1 inch IPS screen, 700nit

Communication

- 2.4G/5.8G Dual band WIFI
- Optional high speed 4G LTE
- BT 5.0 fast transmission

Features

- Optional NFC fast recognition function
- Support GPS, BDS and GLONASS
- Flexible expansion of multiple aviation plugs

Reliability

- IP65 Waterproof and Dustproof
- Wide temperature operation: -20°C~60°C
- ±8kV Contact Discharge, ±15kV Air Discharge

Product Six Views



Specification Parameter

Basic parameters	
Dimension	264.5*184.1*23.0 mm
Weight	834 g
Device Color	Black
LCD	10.1 inch, 800*1280, 700nits
Touch Panel	5-point tempered glass capacitive screen G+G
I/O	Nano-SIM *1 (Optional)
	USB 3.0 Type-A *1
	RS232 + RS232/RS485 (Optional)
	Ethernet interface (100/1000M) (Optional)
	USB 2.0 *2 + CAN/CVBS *1 (Optional)
	Power DC Jack
NFC	Optional, 13.56MHz, Card reading distance: 4cm
Battery (Optional)	
Capacity	1000mAh/7.4V
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0, Transmission distance: 10m
4G (Optional)	Optional, LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B5
GNSS	Built-in GPS , GLONASS, Optional Beidou

Application Range

The products meet the requirements of vehicle specification level certification and design, and are widely used in logistics, a griculture, mine transportation, airport transportation, wharf, warehousing and other fields.



Warehousing Logistics



Airport Transportation



Vehicle Management



Automatic Driving of Agricultural Machinery

Performance parameter	
CPU	Intel® Celeron® N5100
OS	Windows 11, Optional Windows 10
RAM	4GB, Optional 8GB, Up to 16GB
Storage	64GB, Optional 128GB, Up to 512GB
Standard Accessories	
WIFI Antenna	Standard, 2.4~2.5GHz/5.15~5.85GHz, 2±0.5dBi
GPS Antenna	Standard
Adapter Cable	Standard, 8 PIN aviation plug to φ5.5 power port
Optional Accessories	
4G Antenna	Optional, to be used together with 4G module
Bracket	Optional
Function Adapter	Optional, 12PIN to 2-way USB 1-way CAN 12PIN to full function RS232 + RS485/R232 12PIN to 1000M RJ45 12PIN to 12 loose wires 1.2m
GPS Antenna	Optional
Power (One out of four)	Cigarette Lighter Adapter, 19V/3.42A Power Adapter, 19V/3.42A DC φ5.5 Adapter Adapter Cable, 8pin power cord to 8 loose wires (1.2M) Wide Voltage, 9~36V wide voltage input, 12V±0.5V constant voltage output
Reliability	
Operate Temperature	-20 °C ~60 °C
Store Temperature	-30 °C ~70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Electrostatic Discharge	±8kV contact discharge, ±15kV air discharge