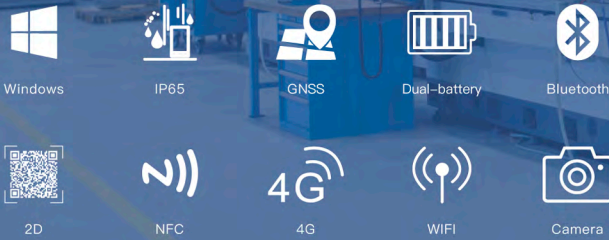


# TM12-512 / TM12-712

Rugged Tablet PC

# Performance to a new level



## Performance

- Intel Core i5-1235U/i7-1255U processor
- Windows 11 OS and 8GB RAM+ 128GB storage
- 12.2 inch IPS Full HD screen with 10-point capacitive touch

## Communication

- 2.4G/5.8G Dual band WIFI 6
- High speed 4G
- BT 5.1 fast transmission

## Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0 )
- Support GPS, GLONASS, optional Beidou
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

## Reliability

- IP65 Waterproof and Dustproof, Anti-Static
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

## Product Six Views



# SL-TOUCH:Systeme

\* All technical data, specification and performance figures subject to change without notice.



# Specification Parameter TM12-512 / TM12-712

## Basic parameters

Dimension	339.3 x 230.3 x 26mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch IPS 16:10, 1920x1200, 650nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, $\Phi$ 3.5mm standard earphone jack x 1, $\Phi$ 5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional
Fingerprint	SPI fingerprint (power on login)
<b>Battery</b>	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Endurance	30mins ( 50% volume sounds, 200 lumens brightness, 1080P HD video display by default )
<b>Battery</b>	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	4hrs ( 50% volume sounds, 200 lumens brightness, 1080P HD video display by default )

## Bestellbezeichnung

TM12-512	12.2" Display 1980x1200 Pixel -8GB / 128GB / Intel® Core™ i5-1235U -10 Kerne- 12MB Cache bis zu 4.4GHz
TM12-712	12.2" Display 1980x1200 Pixel -8GB / 128GB / Intel® Core™ i7-1255U -10Kerne- 12MB Cache bis zu 4.7GHz

## Accessories



Docking Charger



Hand-strap



Vehicle Mount



DC/DC-Adapter  
24VDC / 48VDC



Vehicle Mount plus  
rugged keyboard



Removable Battery



Carry handle

## Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

## Performance parameter

CPU	Intel Core i5-1235U TM12-512 Intel Core i7-1255U TM12-712
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 16GB, Up to 64GB
Storage	128GB, Optional 256GB, Up to 512GB

## Network connections

WIFI	WiFi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G/5.8G)
Bluetooth	BT5.1
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	GPS, Glonass, optional Beidou

## Reliability

Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge

## Extension modules (1 out of 4)

Ethernet interface	RJ45 (10/100M) x 1, Support customized (10/100/1000M)
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	EM80, Optical resolution: 5mil/ scan speed: 50 times/s