

Nilamtec T3 Series

WHAT IS NEW WITH T3 TABLET?

T3 IS A NEW GENERATION RUGGED TABLET WHICH NOT JUST UPGRADE THE COMPUTING POWER, BUT ALSO UPGRADE THE USABILITY OF THE PRODUCT IN THE FIELDS AND OFFICE.

The Nilamtec T3 is 8" rugged tablet designed for Construction, BIM, GIS, Environmental Management, Public and Utility Field applications. To fulfill the special requirements of professional applications, T3 offers board range of choices for the user to choose their computing power, and hardware features. You can find a device which perfectly fit for your field and office application requirements.

Computing Power

Powered by Qualcomm SDM632 or SDM450 Octa Core 1.8GHz and CPU, T3 provides powerful and reliable computing power to process engineering software.

You can always find a T3 which perfectly meets your technical and budgetary requirements.

Reliability and Efficiency in The Field and Office

You can take T3 as a tablet to the field without worry about dust, water, damage caused by dropping the tablet, high or low temperature, and long operation hour.

- T3 provides IP68 rated protection from dust and water ingress
- The operating temperature of T3 is from -20°C to +60°C. T3 supports you in both cool winter and hot summer.
- User replaceable hot swap 7000mAh battery and 400m Ah built-in battery keep your device working 7x24 hours non-stop.
- Integrated high-resolution cameras allow you take sharp photos for your information sharing.
- 8" 1920x1200 500 Nits screen provides bright and easy to read display
- HDMI, USB-C and USB-A ports are available for large screen and office equipment connection. It makes office work easy.

Flexible Hardware Configurations for Professional Applications

Nilamtec T3 provides high flexibility of hardware configurations for professional applications. You may choose an embedded 1D/2D barcode scanner or high precision GNSS

positioning, and RFID. You can also use pogo pin port to connect the device to the equipment which supports serial connection.

Not Just a Rugged Tablet. It Is a Tool to Improve Your Productivity

It is a smart investment in T3. T3 helps you to improve your field operation efficiency in BIM management, GIS, stock tracking, E-work flow, GIS data collection and more.



Global Distributor:
Strobus (Far East) Limited
Unit 2602-3, BEA Tower, Millennium City 5,
418 Kwun Tong Road, Kwun Tong, Hong Kong.
T: +852-2690-3773, F: +852-2690-3030
Email: info@strobus.com.hk, URL: www.strobus.com.hk

Your Local Distributor:

Nilamtec T3 Series

STANDARD FEATURES

SYSTEM

- Integrated LTE cellular data, voice, and text capability
- Qualcomm SDM632 or SDM450 Octa core 1.8 GHz Processor
- 3/4GB RAM, 32/64GB Flash Memory
- Bluetooth 4.2
- WIFI IEEE802.11 a/b/g/n/ac, 2.4GHz and 5GHz
- Capacitive multi-touch 8" LCD 1920x1200 Gorilla Glass Screen, 500cd/m² Brightness
- Capacitive pen support
- 13MP rear camera (with flash light), 8MP front camera
- 7000mAh, wide temperature range, hot swap battery. 400mAh built-in battery
- Support Micro SD card
- Dual SIM, Dual Standby
- High sensitivity GNSS receiver and antenna (optional)
- 2D barcode scanner (optional)

OPERATING SYSTEM

- Android 9 AOSP OS

COMMUNICATIONS NETWORK

- GSM:850/900/1800/1900,
- EVDO: BC0,
- WCDMA: B1/B2/B5/B8,
- TDD-LTE: Band38/Band39/Band40/Band 41,
- FDD-LTE: Band1/Band 2/ Band3/Band4/Band5/Band7/ Band8/Band17/Band20/ Band28
- WIFI: IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz
- Bluetooth: Bluetooth 4.2
- USB: USB 3.0, Type C x1, USB Type A x 2
- NFC
- Pogo Pin:

- 12 Pin Back UART/USB2.0/CAN/ DCIN/GPIO
- 10 Pin Bottom USB2.0/DCIN/GPIO
- HDMI

POWER MANAGEMENT

- Battery: 7000mAh wide temperature range, user replaceable Li-ion battery, hot swap and a built-in 400mAh battery
- Fast Charging: Support Qualcomm QC 3.0 (need to work with QC 3.0 charger)

SENSORS

Fingerprint, G Sensor, Temperature Sensors, Gyroscope, Light Sensor, E-Compass

TECHNICAL SPECIFICATIONS

PHYSICAL

- Size: 209x130x13.9mm
- Weight: approx. 598 g (including battery, the weight various with models)
- User Interface:
 - Hard Key: Power, Volume up/down, F1/2/3/4

ENVIRONMENTAL

Temperature:

- Operating: -20 °C to +60 °C
- Storage: -30 °C to +70°C

Humidity:

- 95% non-condensing

Dust and Water Proof:

- IP68

Drop Resistance:

- 1.2 m free drop (MIL-STD-810G)

INPUT/OUTPUT

Extended Memory: Micro SD card (T card)

Display:

Damage-Resistant Gorilla Glass
8" LCD Capacitive Multi-touch screen
1920 x 1200 Pixel resolution
500 cd/m² brightness

Audio:

Built-in speaker and microphone
Support corded microphone

Camera:

Rear Camera: 13 MP with flash light
Front Camera: 8 MP

OPTIONAL FEATURES

2D Scanner:

1D/2D barcode scanning
(mutually exclusive with centimeter level GNSS positioning)

UHF RFID

920-925MHz/902-928MHz/
865-868MHz

Centimeter Level GNSS Positioning

Receiver type:

184-channel
GPS L1C/A L2C, GLO L1OF L2OF,
GAL E1B/C E5b, BDS B1I B2I,
QZSS L1C/A L2C

Nav. update rate:

RTK up to 20 Hz¹

Position accuracy²:

RTK
H: 0.01 m + 1 ppm CEP
V: 0.01 m + 1 ppm R50

Convergence time²:

RTK < 10 sec

Protocols:

NMEA, UBX binary, RTCM 3.3

GNSS Antenna Interface:

SMA, 50 Ohms

1: The highest navigation rate can limit the number of supported constellations
2: Depends on atmospheric conditions, baseline length, GNSS antenna, multipath conditions, satellite visibility, geometry and antenna phase center offset errors.



Global Distributor:
Strobus (Far East) Limited
Unit 2602-3, BEA Tower, Millennium City 5,
418 Kwun Tong Road, Kwun Tong, Hong Kong.
T: +852-2690-3773, F: +852-2690-3030
Email: info@strobus.com.hk, URL: www.strobus.com.hk

Your Local Distributor: