Datasheet

Nilamtec T10Pro

IS IT A RUGGED TABLET? T10Pro IS MORE THAN A RUGGED TABLET, IT IS A TOOL FOR PROFESSIONAL USER TO IMPROVE THEIR PRODUCTIVITY

The Nilamtec T10Pro is a 10.1" rugged tablet designed for professional applications, such as passenger control, construction, BIM, GIS, law enforcement, public and utility field applications. To fulfill the special requirements of professional applications.

OS, CPU, and Communications

Powered by Qualcomm Snapdragon SM4350, T10Pro supports Android OS Android 13, and can be upgraded to Android 17 and even higher version.

T10Pro also supports 5G mobile network which allow the user enjoys the benefits of 5G network.

Purpose Built Identity Document Reading Capability

As built-in features, T10Pro has powerful OCR document and contactless card reading capability. It is capable to read major ID cards[1] text data, and ICAO compliance passport MRZ, document text and contactless card data.

Flexible Hardware Configurations for Professional Applications

Nilamtec T10Pro provides high flexibility of hardware configurations for professional applications. You may choose add-on for 1D/2D barcode scanning, and enhancing NFC reader for industrial applications. You can also use pogo pin port to connect the device to the equipment which supports serial connection.

Reliability and Efficiency in The Field

You can take T10Pro 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.

- T10Pro provides IP67 rated protection from dust and water ingress
- The operating temperature of T10Pro is from -20°C to +60°C. T10Pro supports you in both cool winter and hot summer.
- User replaceable 44.46Wh battery allow you keep working all day long in remote sites.
- Integrated high resolution cameras allow you take sharp photos for your information sharing.
- 10.1" 1920x1200 500 Nits

screen provides bright and easy to read display

Nilamtec T10Pro Helps you to win the game in digital transformation

It is a smart investment in T10Pro. T10Pro helps you to improve your field operation efficiency in passenger identity control, worker attendance taking, E-work flow management, and more.

Your Local Distributor:

Nilamtec T10Pro

Nilamtec T10Pro

STANDARD FEATURES

SYSTEM

- Integrated 5G cellar data, voice, and text capability
- Qualcomm Snapdragon SM4350 2x Kryo 460 Gold(A76) 2.0GHz + 6x Kryo 460 Silver(A55) 1.8GHz
- 8GB RAM, 256GB Flash Memory
- Bluetooth 5.1
- WIFI IEEE802.11 b/g/n/ac, 2.4GHz and 5GHz
- Capacitive multi-touch 10.1" LCD 1920x1200 Gorilla Glass Screen, 500cd/m² Brightness
- Capacitive pen (optional)
- 13MP rear camera (with flash light), 5MP front camera
- 11700mAh (44.46 Wh), wide temperature range battery
- Support Micro SD card
- Dual SIM, Dual Standby
- 1D/2D barcode scanner

OPERATING SYSTEM

- Android 13 AOSP OS

COMMUNICATIONS NETWORK

- GSM:850/900/1800/1900,
- EVDO: BC0,
- WCDMA: B1/B2/B5/B8,
- TD-SCDMA: B34/B39
- FDD-LTE: B1/B 2/ B3/B4/B5/B7/ B8/B12/B20/B28/B34/B38/B39/B40/B41
- NR5G: N1/ N3/ N28/ N41 / N78 / N79
- WIFI: IEEE 802.11 b/g/n/ac, 2.4GHz and 5GHz
- Bluetooth: Bluetooth 5.1
- USB: 1x Type C (OTG, USB3.0), 2x USB Type A (USB-A 3.0)

- NFC
- Extended Pogo Pin Interface: USB, UART, CAN
- HDMI
- 3.5mm headphone jack

POWER MANAGEMENT

- Battery: 11700mAh (44.46Wh) wide temperature range, user replaceable Li-ion battery
- 12 hours running, 168 hours standby
- Fast Charging: Support Qualcomm QC 3.0

SENSORS

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

TECHNICAL SPECIFICATIONS

PHYSICAL

- Size: 274x187x17mm
- Weight: approx. 978 g (including battery and scanner)
- User Interface:
    - Hard Key: Power
    - Soft Keys: Volume up/down, F1, F2

ENVIRONMENTAL

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

Humidity:
- 95% non-condensing

Dust and Water Proof:
- IP67

Drop Resistance:
- 1.2 m free drop to concrete

INPUT/OUTPUT

Extended Memory: Micro SD card (T card)

Display:
Damage-Resistant Gorilla Glass 10.1" 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: 5 MP

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

Scanner:

1D/2D barcode scanning

Special Features:

OCR
ID Card[1] text reading
ICAO Passport text reading
ICAO MRZ reading

Contactless Card

ICAO e-passport contactless card reading

Note:
1.   Please consult your distributor for the list of ID cards which supported by OCR reading

Nilamtec T10Pro