



Qualcomm Snapdragon
636
2.2GHz Octa Core



Drop Spec.
1.8m



Weight
285g



Operating System
Android 10



Sealing
IP67



Replaceable Battery
4000mAh

Mobile computer TC601: A masterpiece of innovation, created for industrial mobility

The extremely robust enterprise mobile device

PHYSICAL CHARACTERISTICS

Dimensions

168.1 x 81 x 15.9 mm (H x W x D)

Weight

285 g

Display and Panels

- 6", 18:9 IPS Full-HD (1080 x 2160) LCM
- Capacitive 5 points multi-touch panel
- Gorilla® Glass

Expansion Slots

- One user accessible micro SD memory slot with SDHC compliance and software image upgrade features
- Two user accessible nano SIM slots
- Type-C support USB OTG and support DC in 5 V/3 A
- Cradle connector DC power input

Keys and Buttons

- Front key: 3 touch soft keys
- Side key: scan key left and right, volume key up and down, power key and one function key (programmable)

Display and Panels

- One vibrator for scan or ring in indication
- Audio tone indication

LED Behavior

Charging LED:

- Charging: red
- QC charge: orange
- Charge full: green
- Battery low: red (Blinking on)

Scan LED:

- Scan: scan star: red
- Decoder: green (blinking once)

Information LED:

- Battery swap: red

Audio and Voice

- One speaker (95 dB @ 10 cm)
- One receiver and dual microphone
- Support echo cancellation and noise suppression
- Type-C headset

PERFORMANCE CHARACTERISTICS

Operating System

- Android 10 with GMS
- Android enterprise certification (optional)

CPU

Qualcomm® Snapdragon™ 636
2.2 GHz Octa Core

Memory

- 4 GB LPDDR4 RAM
- 64 GB Flash ROM

USER ENVIRONMENT

Operating Temperature

-10 ~ 50 °C

Storage Temperature

-30 ~ 70 °C (without battery)

Charging Temperature

0 ~ 45 °C

Humidity

10 % ~ 90 % non-condensing

Sealing

IP67 standard

Drop Specification

1.8 m MIL-STD 810G and 2 m MIL-STD 810G with bumper

Tumble Specification

0.5 m tumbles for 200 cycles and 400 drops

ESD

+/-8 KV direct discharge,
+/-15 KV air discharge

NETWORK CONNECTION

Wireless PAN

Bluetooth 5.0

Wireless LAN

- 802.11 a/b/g/n/ac Wireless LAN, 2.4 GHz and 5 GHz
- Compliant with WEP, WPA and IEEE 802.11i WPA2
- Fast roaming

Wireless WAN

- GSM: 850, 900, 1800, 1900 MHz
- WCDMA: B1, B2, B5, B8
- LTE: B1, B2, B3, B4, B5, B7, B8, B12, (B17), B19, B20, B28, B38, B39, B40, B41(100 M only)

GPS

aGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS

DATA CAPTURE

Scanner

Honeywell N4603 (2D scan engine)

Camera

- Front camera: 5 M pixels CMOS color
- Rear camera: 16 M pixels CMOS color camera with autofocus
- LED flash light

NFC

- I ISO14443-4 (Type A, Type B), ISO15693
- Mifare, Felica (ISO/IEC18092)

SENSOR

Accelerometer, gyroscope, e-compass, light sensor and proximity sensor

POWER

Battery

- Replaceable main battery: 3.85 V, 4000 mAh
- One rechargeable backup battery for battery warm swap

Power Adapter

- 100 ~ 240 Vac, 50/60 Hz input
- 5 V/3 A 15 W , 9 V/2 A 18 W output

REGULATORY COMPLIANCE

Certifications

- CB, CE, VCCI, TELEC, JATE, FCC, CCC, SRRC, CTIA, NCC
- RoHS, REACH, WEEE
- BQB compliance
- WIFI logo compliance
- Japan IOT certification

ACCESSORIES

- Adapter
- USB charging Cable (type C)
- Protective boot (optional)
- Hand strap with protective boot (optional)
- Spare battery (optional)
- Pistol grip (optional)
- Cradle (1 terminal + 1 external battery) (optional)

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