



Qualcomm Snapdragon  
**660**  
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™ 660  
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 N3603 (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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