











Mobile Computer

TC601

A Masterpiece of Innovation, Created for Industrial Mobility

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|  Qualcomm Snapdragon
660
2.2GHz Octa Core |  OS
Android 10
(upgradeable to 12) |
|  Drop Spec.
2m (with boot) |  Sealing
IP67 |
|  Memory
4GB/64GB |  Scan Engine
Honeywell N4603 |
|  Weight
285g |  Replaceable Battery
4000mAh |



Warehouse



Logistics



Retail



Manufacturing



Field Service



TC601

Specification

Update Date: 2023.09.18

Physical Characteristics

Dimensions	168.1mm x 81mm x 15.9mm
Weight	285g (with standard battery)
Display and Panel	<ul style="list-style-type: none">6", 18:9 IPS Full-HD (1080 x 2160) LCMCapacitive 5 points multi-touch panelGorilla® Glass 6
Expansion Slots	<ul style="list-style-type: none">Micro SD card slot x 1 (with SDHC compliance and software image upgrade features)Nano SIM slot x 2Type C supported USB OTG and DC in 5V/3ACradle connector DC power input
Keys and Buttons	<ul style="list-style-type: none">Virtual key x 3Side key: Scan key x 2, Volume key x 2, Power key, Function key (programmable)
Notification	<ul style="list-style-type: none">VibrationRing toneLED behavior<ul style="list-style-type: none">➢ Charging<ul style="list-style-type: none">- Pre charge: Red (Blinking on)- Charge: Red- QC charging: Orange- Charge full: Green- Battery low: Red (Blinking on)➢ Scan<ul style="list-style-type: none">- Scan Start: Red- Decoder: Green (Blinking once)➢ Information<ul style="list-style-type: none">- Battery swap: Red
Audio and Voice	<ul style="list-style-type: none">Speaker x 1 (95dB @ 10cm)Receiver x 1, Dual noise-cancelling microphones x 1Type C head-set

Performance Characteristics

Operating System	<ul style="list-style-type: none">Android 10 with GMS (upgradeable to 12)Android enterprise certification <i>(Optional)</i>
CPU	<ul style="list-style-type: none">Qualcomm® Snapdragon™ 6602.2GHz Octa Core
Memory	eMCP 4GB LPDDR4x + 64GB eMMC 5.1

User Environment

Operating Temp.	-20~50°C
Storage Temp.	-30~70°C (without battery)
Charging Temp.	0~45°C
Humidity	5%~90% (non-condensing)
Sealing	IP67 Standard
Drop Spec.	1.8m MIL-STD 810G and 2 m MIL-STD 810G with boot
Tumble Spec.	0.5m tumbles for 200 cycles and 400 drops
ESD	±8KV contact discharge, ±15KV air discharge

Network Connection

Wireless PAN	Bluetooth 5.0
Wireless LAN	<ul style="list-style-type: none">802.11a/b/g/n/ac Wireless LAN, 2.4GHz and 5GHzCompliant with WEP, WPA and IEEE 802.11i WPA2Fast roaming
Wireless WAN	<ul style="list-style-type: none">GSM: 850,900,1800,1900 MHzWCDMA: B1, B2, B5, B8LTE: B1, B2, B3, B4, B5, B7, B8, B12, (B17), B19, B20, B28, B38, B39, B40, B41(100M only)
GPS	aGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS

Data Capture

Scanner	<ul style="list-style-type: none">Support 1D/2DScan engine:<ul style="list-style-type: none">- Honeywell N4603- Honeywell N6703 <i>(Optional)</i>
Camera	<ul style="list-style-type: none">Front camera: 5M pixel CMOS color cameraRear camera: 16M pixels CMOS color camera with auto focusLED flashlight
NFC	<ul style="list-style-type: none">ISO14443-4 (Type A, Type B), ISO15693Mifare, Felica (ISO/IEC18092)

Sensor

Sensor	Accelerometer, Gyroscope, e-Compass, Light Sensor, Proximity Sensor
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Power

Battery	Replaceable main battery: 3.85V/4000mAh
Power Adaptor	<ul style="list-style-type: none">100~240Vac, 50/60Hz Input5V/3A 15W, 9V/2A 18W output (QC3.0)

Regulatory Compliance

Certifications	<ul style="list-style-type: none">CB, CE, UKCA, FCC, NCC, Japan certificationRoHS, REACH, WEEEBQB complianceWIFI compliance
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Accessories

Accessories	<ul style="list-style-type: none">AdaptorData Cable (Type C)LCM Protector <i>(Optional)</i>Protective Boot <i>(Optional)</i>Hand Strap <i>(Optional)</i>Spare Battery <i>(Optional)</i>Pistol Grip <i>(Optional)</i>Cradle (1 Terminal + 1 External Battery) <i>(Optional)</i>
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