

Mobile Computer

TC605

Inheriting Flexibility, Resilient Efficiency



Qualcomm Snapdragon
4490
2.4GHz Octa Core



OS
Android 13
(upgradeable to A14 &16 &18)



Drop Spec.
1.8m



Sealing
IP65 & IP68



Memory
6GB/128GB



Scan Engine
Many types of scan
engines are available



Weight
280g



Replaceable Battery
5000mAh



Warehouse



Logistics



Retail



Manufacturing



Field Service



TC605

Specification

Update Date: 2023.11.15

Physical Characteristics

Dimensions	167.7 x 78.9 x 15.8 mm
Weight	280g (with standard battery)
Display and Panel	<ul style="list-style-type: none">6", 18:9 IPS Full-HD (1080 x 2160) LCMGorilla® Glass 7Typical 600 nits
Expansion Slots	<ul style="list-style-type: none">One user accessible micro-SD Memory slot with SDHC compliance and software image upgrade featuresTwo user accessible Nano SIM slotsUSB 3.1 (type-C) support USB OTGCompliance with PD3.0 / QC3.0 / QC 4.0Extend 8 pogo pin + 2 pogo pin
Keys and Buttons	<ul style="list-style-type: none">Front key: 3 touch soft keysSide key: Scan key left and right, volume key up and down, power key and one function key (programmable)
Indicators	<ul style="list-style-type: none">1 RGB LED supported (Complied with SW)
Audio and Voice	<ul style="list-style-type: none">One speaker (95±3dB @ 10cm)One receiver and dual noise-cancelling microphones Type C head-setAudio: support smart PA

Performance Characteristics

Operating System	<ul style="list-style-type: none">Android 13 with GMS (upgradeable to A14 &16 &18)
CPU	<ul style="list-style-type: none">Qualcomm® QCM44902.4GHz Octa Core
Memory	RAM 6 GB (Default) + ROM 128 GB; RAM 8 GB <i>(Optional)</i>
GMS Certified	GMS certified

Android Enterprise	AER certified
User Environment	
Operating Temp.	-20~50°C
Storage Temp.	-40~60°C
Charging Temp.	0~45°C
Humidity	5%~95% (non-condensing)
Sealing	IP65 & IP68 Standard
Drop Spec.	1.8 meter drop
Tumble Spec.	1000 drops (500 cycles) 0.5m tumbles at room temperature without protective boot
ESD	+/-8KV direct discharge, +/-15KV air discharge

Network Connection

Wireless PAN	Bluetooth 5.2
Wireless LAN	<ul style="list-style-type: none">802.11a/b/g/n/d/h/i/k/r/ac/ax/v/mcWireless LAN, 2.4GHz and 5/6GHzCompliant with WEP, WPA and IEEE 802.11i WPA2, WPA3Fast roaming
Wireless WAN	<ul style="list-style-type: none">5G: FDD bands: n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n66 TDD bands: n38, n40, n41, n48, n77, n78, n794G: FDD bands: B1, B2(25), B3, B4(66), B5, B7, B8, B12, B17, B18, B19, B20, B26, B28 TDD bands: B38, B39, B40, B41, B42, B43, B483G: B1, B2, B4, B5, B6, B8, B192G: 850, 900, 1800, 1900
GPS	GPS, GLONASS, Beidou, Galileo, QZSS, SBAS (5G SKU only)

Data Capture

Scanner	<ul style="list-style-type: none">Support 1D/2D
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	<ul style="list-style-type: none">Many types of scan engines are available
Scan angle	<ul style="list-style-type: none">0° / 60°
Camera	<ul style="list-style-type: none">Front camera: 8M pixel CMOS color cameraRear camera: 16M pixels CMOS color camera with auto focusLED flashlight with torch
NFC	Meet: <ul style="list-style-type: none">ISO14443-4 (Type A, Type B), ISO15693Mifare, Felica (ISO/IEC18092)

Software

Software	MDM, SDK, OCR, SOTI and other customized SW
Sensor	
Sensor	Gyroscope, Light sensor, e-Compress, Proximity sensor, Accelerator sensor

Power

Battery	<ul style="list-style-type: none">Std. battery 5000mAhBattery swap
Power Adaptor	<ul style="list-style-type: none">100~240Vac, 50/60Hz Input9V/2A 18W outputSupport QC3.0 above

Regulatory Compliance

Certifications	<ul style="list-style-type: none">CE/ CB/ FCC/ NCC/ BSMI(Wi-Fi) /UKCA /TELEC /VCCI / JATE/ BQB/ RCM (AU)RoHS, REACH and WEEEFor additional certification requests, please reach out to iMozen Sales team.
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Accessories

Accessories	<ul style="list-style-type: none">AdapterUSB Cable (Type C)Screen Protector <i>(Optional)</i>2 Kinds of Protective Boots <i>(Optional)</i>Hand Strap <i>(Optional)</i>Shoulder Strap <i>(Optional)</i>Spare Battery <i>(Optional)</i>Soft Holster <i>(Optional)</i>Pistol Grip <i>(Optional)</i>Cradle <i>(Optional)</i>
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