

## Mobile Computer

# TC605

The Right Device for All Workplaces,  
with Maximum Flexibility and Device Longevity



Qualcomm®  
QCM4490  
2.4GHz Octa Core



OS  
Android 13  
(upgradeable to Android 18)



Drop Test  
1.8m



Sealing Standard  
IP65 & IP68



Memory  
6GB/128GB



Scan Engine  
Long Range / Short Range



Weight  
280g



Battery  
5000mAh



Warehouse



Logistics



Retail



Manufacturing



Field Service



# TC605

## Specification

Update Date: 2024.07.30

### 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"><li>6", 18:9 IPS Full-HD (1080 x 2160)</li><li>Gorilla® Glass 7</li><li>600 nits</li></ul>
Expansion Slots	<ul style="list-style-type: none"><li>Micro SD card slot x 1 (with SDHC compliance and software image upgrade features)</li><li>Nano SIM slot x 2</li><li>USB 3.1 (Type-C) support USB OTG</li><li>Compliance with PD3.0 / QC3.0 / QC4.0</li><li>8 POGO Pin for extension + 2 POGO Pin for charging</li></ul>
Keys and Buttons	<ul style="list-style-type: none"><li>Virtual key x 3</li><li>Scan key x 2, Volume key x 2, Power key, Function key (programmable)</li></ul>
Indicators	Support RGB LED (Complied with SW)
Audio and Voice	<ul style="list-style-type: none"><li>Speaker x 1 (95dB @ 10cm)</li><li>Receiver x 1, Dual noise-cancelling microphones x 1</li><li>Support Type-C headsets</li><li>Support Smart PA</li></ul>

### Performance Characteristics

Operating System	Android 13 with GMS (upgradeable to Android 18)
CPU	Qualcomm® QCM4490, 2.4GHz Octa Core
Memory	<ul style="list-style-type: none"><li>RAM 6 GB + ROM 128 GB</li><li>RAM 8 GB + ROM 128 GB <i>(Optional)</i></li></ul>
GMS Certification	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.	0.5m tumbles for 500 cycles and 1000 drops
ESD	±8KV direct discharge, ±15KV air discharge

### Network Connection

Wireless PAN	Bluetooth 5.2
Wireless LAN	<ul style="list-style-type: none"><li>802.11a/b/g/n/d/h/i/k/r/ac/ax/v/mc</li><li>2.4GHz, 5GHz, 6GHz</li><li>Compliant with WEP, WPA and IEEE 802.11i WPA2, WPA3</li><li>Fast Roaming</li></ul>
Wireless WAN	<ul style="list-style-type: none"><li>5G: FDD bands: n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n66 TDD bands: n38, n40, n41, n48, n77, n78, n79</li><li>4G: 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, B48</li><li>3G: B1, B2, B4, B5, B6, B8, B19</li><li>2G: 850, 900, 1800, 1900</li></ul>
GPS	GPS, GLONASS, Beidou, Galileo, QZSS, SBAS (5G SKU)

### Data Capture

Scanner	<ul style="list-style-type: none"><li>Support 1D/2D</li><li>Long range / Short range <i>(Selectable)</i></li></ul>
Scan angle	0° / 60° <i>(Selectable)</i>
Camera	<ul style="list-style-type: none"><li>Front camera: 8M pixel CMOS color camera</li><li>Rear camera: 16M pixels CMOS color camera with auto focus</li><li>LED flashlight</li></ul>

NFC	Comply with <ul style="list-style-type: none"><li>ISO14443-4 (Type A, Type B), ISO15693</li><li>MIFARE, FeliCa (ISO/IEC18092)</li></ul>
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### Software

Software	iMozen SEK™ (Software Extension Kit): <ul style="list-style-type: none"><li>EMM / MDM</li><li>Software updates</li><li>RDM</li><li>Other customized solution</li><li>OCR</li></ul>
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### Sensor

Sensor	Gyroscope, Light sensor, e-Compass, Proximity sensor, Accelerator sensor
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### Power

Battery	<ul style="list-style-type: none"><li>Replaceable battery: 5000mAh</li><li>Support battery swap</li></ul>
Power Adaptor	<ul style="list-style-type: none"><li>100~240Vac, 50/60Hz Input</li><li>9V/2A 18W output (Support QC3.0)</li></ul>

### Regulatory Compliance

Certifications	<ul style="list-style-type: none"><li>CE, CB, FCC, NCC, BSMI(Wi-Fi), UKCA, TELEC, VCCI, JATE, BQB, RCM</li><li>RoHS, REACH and WEEE</li></ul>
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### Accessories

Accessories	<ul style="list-style-type: none"><li>Adapter</li><li>USB Cable (Type-C)</li><li>Screen Protector <i>(Optional)</i></li><li>Rugged Protective Boots <i>(Optional)</i></li><li>Hand Strap <i>(Optional)</i></li><li>Shoulder Strap <i>(Optional)</i></li><li>Spare Battery <i>(Optional)</i></li><li>Soft Holster <i>(Optional)</i></li><li>Pistol Grip <i>(Optional)</i></li><li>Multi-Slot Cradle <i>(Optional)</i></li></ul>
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