



TC605 6" Qualcomm(R) QCM4490 Rugged Handheld Computer

Manufacturer part number: TC605 | Handheld Computers



Winmate TC605 is a 6-inch Qualcomm(R) QCM4490 Rugged Handheld Computer designed for field service, warehouse data capture, and mobile workforce operations.

Display	
Size	6.0 inches
Resolution	1080x2160
Type	Projected Capacitive Multi Touch
Panel Brightness	600.0 nits
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Qualcomm(R) QCM4490, Octa-Core, up to 2.4GHz
Memory	6GB
Storage	128GB
Operating System	Android 14.0 (Default), Android 16.0 (Optional)
WLAN	Support
BT	Support
WWAN	4G/5G (Optional)
GNSS	GPS/GLONASS (WWAN only)
RFID	NFC (Read / Write, Peer to Peer mode)
Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors, Proximity Sensor
Camera	
Front Camera	8MP Camera
Rear Camera	16MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical	
Dimension	167.7 x 78.9 x 15.8 mm
Weight	280g
IO Ports	
USB Port	1 x USB 3.1 Type C OTG, (support charging)
Audio	2 x Built-in Mic, 1 x Speaker, 1 x Receiver
SD Card Slot	1 x Micro SD Card Slot

SIM Card Slot	2 x Nano SIM Card Slot
Indicator	1 x LED Indicator
Docking Connector	1 x Docking Connector
Environment	
Operating Humidity	5% to 95% RH, Non-Condensing
Operating Temperature	-20 deg C to 50 deg C
Storage Temperature	-40 deg C to 60 deg C
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
Drop	MIL-STD-810H Method 516.8, 6 ft
IP rating	IP65 & IP68
Certification	
Certification	CE, FCC, NCC, BSMI, TELEC, VCCI, JATE, BQB, RCM
Control	
Button	1 x Volume +/-, 1 x Power Button, 2 x Barcode Button, 1 x Function Button
Power	
Battery	3.87V 5000mAh (Default), Hotswappable Function (Optional)
Battery Operating Time	15Hr
Power Rating	9V
Adapter	PD adapter (Optional)
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Accessory	
Accessory	Battery, USB Type-C Cable
Optional Accessory	Universal Adapter, Screen Prctector, Rugged Protective Boots, Hand Strap, Shoulder Strap, Soft Holster, Pistol Grip, Multi-Slot Cradle
Barcode Scanner	
Barcode Scanner	1D/2D Barcode Reader, Standard range(Default) / Long range(Optional), 60 deg (Default)/ 0 deg (Optional)