

TRH-A5380-05

5" Rugged Handheld



Key Highlights

- 5" Capacitive Touchscreen
- Quad-core ARM Cortex-A53 CPU 2.0 GHz
- GMS Certified for Android 11
- Optional Accessories
- Built-in NFC, 4G LTE, and 2D Barcode Scanner
- Fully Rugged and Waterproof

[VIEW ONLINE](#)

The TRH-A5380-05 V2 is a powerful and durable mobile device that fits in the palm of your hand. It has endless applications in industries such as logistics, warehouse management, retail, and healthcare. The optional built-in 1D/2D barcode scanner can be used to track inventory, for Barcode Medication Administration, positive patient ID, and point-of-sale applications. The 5" touchscreen is large enough that you can read product or patient data, but the unit is small enough to fit in your pocket. The TRH-A5380-05 V2 is IP65 rated and MIL-STD-810G drop and shock proof. The 4000mAh battery is easily removable and can be charged with the optional desktop cradle, so you can switch the battery to keep the tablet running shift after shift. [Read the Product Review from RuggedPCReview >](#)

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Technical Specifications

Primary Components	
Processor Family	MediaTek ARM Cortex-A53
Processor Model	MT6762V OctaCore
Processor Speed	2.0 GHz
Memory Type	Onboard LPDDR4X
Memory Support	4GB
Storage Type	Onboard eMMC Flash
Storage Support	64GB

Power	
Input Voltage Range	5V DC

Operating Systems	
Android	Android 11

Expansion Slots	
Video Card Support	IMG GE8320 650MHz
SD card	1x SDHC/SDXC (max 128G)
Other	Pogo Pin Expansion

Thermal & Environmental	
Operating Temperature	-10°C - 50°C (14°F - 122°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	95% Non-condensing
Storage Humidity	5% - 95% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	WIFI 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G dual band WIFI
Bluetooth	Bluetooth 4.0
Mobile Network 4G LTE	Built-in 4G LTE FDD (B1, B2, B3, B4, B5, B7, B8, B13, B17, B20) TDD (B38, B39, B40, B41)
Sim Card	1x SIM Card Slot
Barcode Scanner	Built-in 2D Barcode Scanner
RFID	NFC Built-in
Sensors	Accelerometer, Compass, Light Sensor, Proximity

Warranty	
Warranty	Up to 3 Years

Display	
Screen Size	5"
Screen Ratio	16:9
Brightness	300 nits

Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)
Glass Type	Gorilla Glass

External I/O Ports	
USB	1x Micro USB 2.0 OTG

Battery	
Battery Type	Removable 3.8V/4000mAh Battery
Battery Operating Time	11.4hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Multimedia	
Speakers	1x 1W Speaker
Camera	Front: 5MP, Rear: 13MP
Microphone	Built-in Microphone

Enclosure	
Material	Double Injection
IP Rating	IP65
Color	Black
Led Indicator Light	Charging Indicator
Control Buttons	Audio Down, Audio Up, Home, Menu, Power Button, Scanner
Programmable Function Buttons	2x Programmable Function Keys
Shock Rating	MIL-STD-810G
Drop Rating	4ft Drop Protection

Approved Cleaning Solutions	3M HB Quat, Acetone, Actichlor, Alcohol, Ammonium Nitrate (low concentration), Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, Mikrozyd, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex
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Weight / Dimensions	
Weight	0.57 kg (1.3 lbs)
Dimensions	156 x 74 x 24 mm (6.1 x 2.9 x 0.9 in)

Certification	
Certifications	CE, MIL-STD-810G

Specifications subject to change.

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I/O Diagram Images



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