

Android Rugged Mobile Phone

# MT-P570

The Best Rugged Smart Phone for Tough Field Work



**OS**

Android 9.0  
Android 11



**Performance**

Octa-Core Processor



**Wireless**

Wifi, Bluetooth



**Battery**

Long-lasting 4000mAh



**Operating Temp.**

-10°C to 60°C



**Camera**

16MP Autofocus with flash



**Display**

6" (1440 x 720)



**Drop Resistance**

Multiple 1.2 m (4 ft) drops per MIL STD 810G

**Cradle Design**

RS232 interface

**Network**

2G / 3G / 4G with voice; Proved reliability network connection

**Extended Features**

Barcode reader

**RFID**

Back access, easy for login

**MDM Remote Control Server**

AIT's device management server is developed to allow customer to update different firmware and make kiosk mode

**MDM server function:**

- BOOT ANIMATION
- ADD APN
- INSTALL APK
- DEFAULT SETTING
- CUSTOMIZED BUTTON

# Specification

## PERFORMANCE CHARACTERISTICS

CPU	2.0GHz Octa Core Processor
OS	Android 9.0 / Android 11 with GMS or without GMS
Memory	4GB LPDDR4X 32GB eMMC

## PHYSICAL CHARACTERISTICS

Dimensions	161.5mm L x 77.5mm W x 14.5mm D
Weight	280g
Display	5.7inch, IPS panel (1440 x 720 pixel)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Battery 3.7V 4000mAh
Expansion Slot	User accessible micro SDXC card slot (standard supports up to 2TB)
SIM	Dual-SIM card slot
Interface	Docking Connector (8pin) USB Type C (2.0) (OTG)
Notification	Audible tone
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

## WIRELESS WAN DATA AND VOICE COMMUNICATION

Radio Frequency	2G-GSM: 850,900,1800,1900 3G-WCDMA: B1,B2,B4,B5,B8 4G-LTE FDD:B1,B2,B3,B4,B5,B7,B8,B12,B17, B20 4G-LTE TDD:B40,B38,B41
GPS	GNASS, GLONASS, GALILEO, A GPS,

## WIRELESS LAN

Radio	802.11 b/g/n/ac 802.11 d/e/h/i/j/k/r/v/w IPv4, IPv6
Data Rate	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144Mbps
Security and Encryption	WFA WPA/WPA2 Personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)

## WIRELESS PAN

Bluetooth	v2.1+EDR, 3.0+HS, v4.1+HS
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## DATA CAPTURE

Scanning (Optional)	1D&2D Imager (w/Smart Plug)
Camera	Rear: 16MP Autofocus Front: 8MP Fixed Focus
NFC	ISO 15693, MiFare, DesFile
Serial Communication	USB or RS232 (default with docking station)

## SENSOR

Ambient Sensor	Light sensor, Proximity sensor
Motion Sensor	Accelerometer, E-Compass, Gyroscope

## USER ENVIRONMENT

Operating Temp.	-10°C to 60°C / -14° F to 140° F
Storage Temp.	-20°C to 70°C / -4°F to 158°F
Humidity	90% non-condensing
Drop Spec.	1.2m / 4 ft. to drop per MIL STD 810G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge

## OPTIONAL ACCESSORIES

Vehicle docking station
Motorcycle docking station

## OPTIONAL FEATURES

FM broadcasting
Fingerprint

\* Specification is subject to change.

All technical data, specifications and performance figures subject to change without prior notice.

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