

AI-HT-T5-2D Hand-held Terminal

AI-HT-T5 is an Android rugged mobile computer. With AI-HT-T5 in your hand, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase your efficiency and productivity. AI-HT-T5 can be deployed in many areas, like logistics, warehouse management, asset tracking, fleet management, healthcare and etc.



Android



4G



WiFi



Bluetooth



1D Barcode



2D Barcode



PSAM



NFC



Camera



GPS



Specification

Physical Characteristics	
Dimensions	157.6 x 73.7 x 29mm/6.2x2.9x1.1in
Weight	292g/10.3oz
Display	4" WVGA (480*800), 16.7M colors
Touch Panel	Rugged dual touch capacitive touch panel
Power	Main battery: Li-ion, rechargeable, 4200mAh
	Standby: over 300 hours
	Continuous use: over 12 hours (depending on user environment)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
Expansion Slot	1 PSAM (only for high-level configuration, not for V4 version); ISO7816 protocol, 1 SIM, 1 MicroSD (TF) slot
Interfaces	USB Micro-B, OTG
Audio	0.5W speaker, build-in microphone
Keypad	3 TP soft keys, 3 side keys, numeric keyboard
Sensors	Light sensor, proximity sensor, gravity sensor, vibration motor
AC Adapter	Input: 100V-240V, 50-60Hz, 0.29A
	Output: 5V, 2A

Performance	
High-level Configuration	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 2GB+16GB
Low-level Configuration	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 1GB+8GB
Expansion	Supports up to 128 GB Micro SD card

Developing Environment	
Operating System	Android 6.0
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment	
Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 2m/6.56ft drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15KV air discharge, ±6KV conductive discharge

Communication	
WLAN	IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna
WWAN(Europe)	2G: 850/900/1800/1900MHz
	3G: 850/900/1900/2100MHz
	4G: B1, B3, B5, B7, B8, B20, B40
WWAN(America)	2G: 850/900/1800/1900MHz
	3G: 850/900/1700/1900MHz
	4G: B2, B4, B7, B12, B17
WWAN (China)	2G: 900/1800MHz
	3G: 900/1900/2000/2100MHz
	4G: B1, B3, B38, B39, B40, B41
WWAN(V4)	2G: 850/900/1800/1900MHz
	3G: WCDMA: B1, B2, B4, B5, B8
	4G: TDD-LTE: B38, B39, B40, B41
	FDD-LTE: B1, B2, B3, B4, B5, B7, B8, B12, B17, B20
WWAN (Others)	Depending on the country's ISP
Bluetooth	Bluetooth 4.0, BLE
GNSS	GPS/AGPS, GLONASS, BeiDou, internal antenna

Data Collection

Camera	
Camera	8/13MP Autofocus with flash

Barcode Scanning (Optional)

1D Linear Scanner	
1D Scan Engine	Zebra SE965 / Honeywell N4313 / UE966
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.

2D Imager Scanner	
2D CMOS Laser Scanner	Zebra SE4710/Honeywell N6603
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

NFC	
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4cm

* NFC is only available for high-level configuration, and pistol grip is only available for V4 version, NFC can not coexist with the pistol grip

Accessories(See details in Accessory Guide)



AC Adapter



USB cable



Charging Cradle
(only optional for high-level configuration)



8-slot Battery Charger



Battery



Wristband



Holster