

MZ-PRO

582 5" Digital PDA

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Communication Performance

- 4G LTE, Globalband.
- 802.11ac/b/g/n enterprise level Wi-Fi.
- Bluetooth 5.0, low power, long distance perfect matching wireless printer.

Scanning Performance

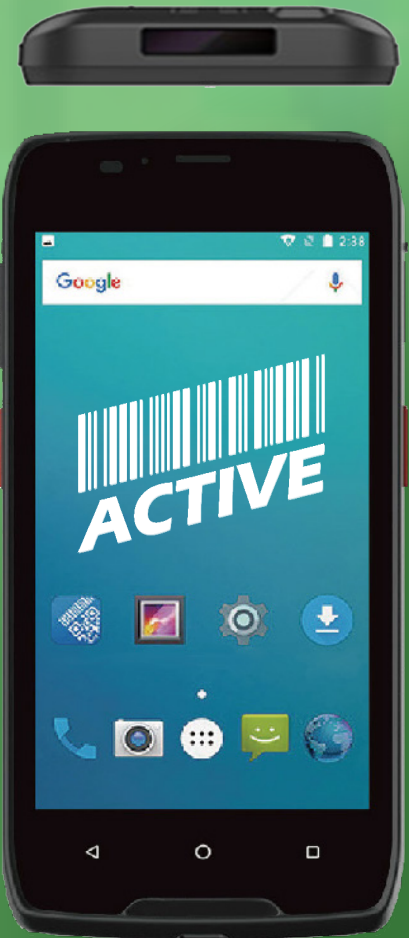
- New generation slim 2D imager scan engine.
- Support megapixel versions.
- Licensed Datalogic decoding technology

Industrial Protection

- IP65 industrial protection.
- Optimized structure for battery to ensure slim form factor

Unique Product Characteristics

- Quad Octa Core processor, long life cycle.
- Support Android 9 and Android 10 upgrades.
- Large battery capacity but refined power consumption, 3 hours charging time but 15 hours working duration, 25 days standby duration.
- Free to install APPLOCK, Easy Deploy and other system management software for efficient management and deployment.
- Accurate Reading Ability, only decode barcode label that's close to the center of the aiming pattern, even when labels are crowded.



Performance Parameters

TECHNICAL SPECIFICATIONS

OS	Android 14
CPU	MTK:Octa Core 2GH - Qualcomm:Octa Core 2.8GHz
MEMORY	LPDDR4X□4GB/8GB□UFS□64GB/128GB

PHISICAL SPECIFICATIONS

Weight	280g(With battery)
Dimension	170*78*15mm
Keypad	Left/Right scan key, Volume +/-, Power, Self define(K1)

MAIN PARAMETERS

LCD	IPS, 6", HD
TP	Incell, Glove, Wet
TP GLASS	Panda, 1.1mm
Extend Slot	SIM:dual-SIM dual standby; SD:TF, 256GB max
Rear Camera	AF, 13M, Flash
Front Camera	Option, 5M, FF
thermal camera	Qualcomm Option(industrial infrared thermal imaging + night vision + temperature measurement module, support dual light fusion algorithm)

POWER AND CHARGING

USB	USB 2.0 with USB cover at side.
IO on Bottom	2 charging pads
IO on Back	Qualcomm Option, 9PIN
Adapter	5V 2.4A 12W
Charging	0-90%<3h

Operation	15 hours
Battery life	500 cycle> 80%

SENSORS

Acceleration	Yes
Distance	Yes
Sensitivity	Yes
Hall	Yes
Air pressure	Yes
Gyroscope	Yes
Geomagnet	Yes

VOICE

Speaker	100db
Receiver	Option
MIC	Dual MIC

ENVIROMENT

IP	IP65
Drop	1.5m stell, 30 drops; 1.8m with rubber boot, stell, 60 drops
Tumble	1.5m stell, 30 drops; 1.8m with rubber boot, stell, 60 drops
Storage Temp	-30C° to 70C°
Operation Temp	-25°C ~ +55°C
Operation Humidity	5%-95% non-condensing
Charging Temp	0°C-35°C
ESD	8K/15K

DATA COLLECTION

Engine	E3140
Temperature Measurement	Yes
Green Spot	Yes

WIRELESS

Bluetooth	BLE V5.2
WLAN	MTK802.11.a/b/g/n/ac, 5G FEM, Qualcomm Wi-Fi 6-ready, 802.11.a/b/g/n/ac/ax, 5G FEM
GPS	GPS/Glonass/Galileo/Beidou, Assisted GPS
Speaker	100db
NFC	NFC IC, On TOP
WWAN	GSM: B5, B3, B8, B2, UMTS: B1/B2/B5/B8, FDD_LTE, B1/2/3/5/7/8/20/28, TDD_LTE, B34/B38/39/40/41 CDMA BC0 (Some frequency bands are configured differently in different countries)
VOLTE	Yes
CA	LTE CAT6, CA B1/3/7/40/41, Downlink 300Mbps

GIFT BOX

Device, QSG, Adapter, USB cable, Battery
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OPTIONAL ACCESSORY

Single host and battery charger, 4-slot device charger, 4 battery charger, Spare battery, silicon rubber case, wrist strap
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