



S50

INDUSTRIAL-GRADE SMART HANDHELD TERMINAL

5.5-inch HD Full screen · High speed Octa-core

Android 9.0 system · 2D Honeywell N6603



Android



4G



WIFI



Bluetooth



1D scanning



2D scanning



PSAM



NFC



Camera



GPS



Product parameters

Performance

Quad core	
CPU	Cortex-A53 Quad-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB Supports up to 3GB+32GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 8.1

Octa core	
CPU	Cortex-A53 Octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB Supports up to 3GB+32GB / 4GB+64GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 9.0

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Supporting IEEE 802 a/b/g/n/ac protocol
WWAN	2G: GSM (850/900/1800/1900MHz)
	3G: WCDMA (850/900/1900/2100MHz)
	4G: FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth 2.1+EDR/3.0+HS/4.1+HS Transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Physical parameter

Dimensions	147.3mm×71.1mm×13.5mm
Weight	<500g (Depends on device function configuration)
Display	5.5 inch IPS color display with resolution 720*1440
TP	Corning Gorilla glass, Supports multi-touch Supported gloves and we thands
Battery capacity	Rechargeable polymer battery (3.8V 4200mAh) removable
	Standby time >350 hours
	Working time > 12 hours
	Charging time 3-4H, Using standard power adapter and data cable
Expansion Card slot	PSAM x 2,Nano SIM card x 1 , TF card x 1
Communication interface	Type-C USB x 1, OTG
Audio	Speaker (mono), Microphone, Earpiece
Keypad	Silicone button: Power button, Volume +/- button, Scan button x 2
Sensor	Gravity sensor, Light sensor, Proximity sensor, Vibration motor

Data collection

Barcode scanning (Optional)	
2D Linear scanner	Honeywell N6603
2D Symbologies	PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, Maxicode, Hanxin Code, etc.

Camera	
Rear camera	13MP HD camera, Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	2MP color camera

NFC (Optional)	
Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

Language/input method

Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian, etc.

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops and 30 times to the concrete within the operating temperature
Rolling test	500×0.5m rolling for 6 sides
Protection level	IP65

Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual
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