PDA-GS0531W-PLUS

5.5" MT6765 octa-core 2.3GHz PDA handheld terminal



Features:

MT6765 octa-core 2.3GHz processor

4GB memory,64GB SSD Storage

5.5"IPS capacitive touchscreen 720*1440, multi-touch

Android 15 Operating system, supports Google Play

3900mAh Battery, removable battery

optional Newland CM30 or Honeywell 5703,2D barcode scan

optional 600mAh backup battery, hot swappable

Specifications:

System

processor	MT6765 octa-core 2.3GHz	Operating system	Android 15, supports Google Play
RAM+ROM	4+64GB; optional 6+128GB	Power	3900mAh Battery, removable battery optional 600mAh backup battery, hot swappable
Expandable memory	Up to 128G TF card		

Display

Display	5.5" IPS, 16: 9	touchscreen	multi-touch capacitive touchscreen (5-point)
resolution	720*1440		

I/O interfaces and sensors

USB	1*TYPE-C, supports charging,OTG	Video encoding	3gp/H.265 MPEG4
Front camera	None as standard; optional 5.0MP, 8.0MP	Audio	silicon microphone, speaker,1206 waterproof earpiece
Rear camera	8.0MP	Buttons	4 Buttons: power button, 2 scan button (customizable), volume key
flash	bright flash		
SIM slot	NANO 4G dual SIM slots: SD card, up to 128GB, two-of-three card slots	Barcode scanner	optional Newland CM30 or Honeywell 5703,2D barcode scan
Sensors:	3D accelerometer, electronic compass, proximity, ambient-light sensor		

Wireless communications

2G	GSM:B2/B3/B5/B8	WIFI	supports (802.11 a/b/g/n, 802.11n/ac)
3G	WCDMA:B1/B2/B5/B8	Bluetooth	BT5.0
4G	TDD:34/38/39/40/41 FDD-LTE(B1,B2,B3,B4,B5,B7,B8,B12,B17,B20)	GNSS	GPS, BeiDou, GLONASS,Galileo

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Environment

Operating temp.	-20°C ~ 60°C	Storage temp.	-40°C ~ 70°C
Humidity	5%RH-95%RH(non-condensing)	Tumble test	1000-cycle 0.5m tumble test
Drop specification	Repeated 1.5m drops on all 6 faces (810G test certification stated)	Dimensions	165*78*23mm
ESD	Air discharge +-15KV, Contact discharge +- 8KV	Weight	279g (approx.) including battery
IP rating	IP55		

standard

TYPE-C cable, adapter, hand strap

Optional modules

RFID	Supported, 26dB, maximum distance 3m	LF	optional 125/134.2KHz FDX-B and HDX, complies with
	Preset frequencies:		ISO/IEC11784/5
	FCC(North/South America)917.4-927.2 MHz	NFC	13.56MHZ(optional)
	ETSI(European Union)865.6-867.6 MHz	backup battery	optional 600mAh backup battery
	TRAI(India)865-867 MHz	Barcode scanner	Optional Honeywell N5703 (in-house TL10) or Zebra
	KCC(South Korea)917-923.5 MHz		SE5500(long-range scanning)
	MIC(Japan)916.8-923.4 MHz	PSAM	optional
	ACMA(Australia)920-926 MHz	charging cradle	optional
	SRRC-II(China)920.1-924.9 MHz	scan handle	optional
	Customizable bands:859-873 MHz and 915-930 MHz	protective rubber cover	optional

Supported protocols:EPCglobal UHF Class 1 Gen 2/ISO 18000-6C

Read rate: up to 200 tags/second with 96-bit EPC

Output power:18-26 dBm Accuracy:+/-1dB

Flatness:+/-0.2dB

Receive sensitivity:<-70dBm

Peak inventory rate:>50 pg/s

Buffer: 200 tags @96-bit EPC; Tag RSSI: supported

Six product views:

