

# .XHT-23A0502G1

5.5" Rugged PDA Android 12

## Overview

This IP67-rated rugged Android PDA XHT-23A0502G1 is designed for businesses that need a durable mobile device for demanding environments. Compact, lightweight, and high-performance, it features a 2.3 GHz MediaTek MT6765 Octa-Core processor, a 5.5-inch IPS display, Android 12 OS, comprehensive connectivity (cellular, Bluetooth, Wi-Fi), and an optional barcode scanner. Thanks to its IP67 rating, drop resistance, and wide range of connectivity options, this device is ideally suited for logistics, maintenance, inventory management, and field traceability applications.

## Features

- 5.5" IPS 720x1280 capacitive multitouch
- MT6765 Octa-Core 2.3GHz processor
- 4GB, 64 GB SSD ROM, optional 6+128GB
- Android 12 support GMS
- 4000mAh detachable battery, optional 8000mAh
- Optional 2D scanning, Zebra SE-4710/Honeywell 5703
- IP67 protection level



Android



Barcode 2D optional



High-capacity



IP67



RFID



## I/O Interfaces



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## Specifications

DISPLAY	
Size	5.5-inch IPS
Touch type	G+F+F Capacitive multitouch 5 points
Resolution	720x1280
SYSTEM	
CPU	MediaTek MT6765 Octa-Core 2.3 GHz
Memory	4 GB, optional 6GB
Storage	64 GB, optional 128GB
Operating System	Android 12, support GMS
Camera	Front: standard without, 8MP optional Rear: 13MP
Sensor	3D accelerometer, distance, light, electronic compass
I/O PORTS	
USB	1x USB type-C
TF Card	1x TF card, 512GB max
Audio	3.5mm headphone jack Support waterproof earpiece
Button	5 buttons : power button, 2x scan buttons, volume button +/-
COMMUNICATION	
Wi-Fi	Support 2.4/5GHz Dual-Band 802.11a/b/g/n/ac
Bluetooth	Bluetooth 5.0
Cellular 4G	GSM : B2/3/5/8 WCDMA : B1/2/4/5/8 TDSCDMA : B34/39 FDD : B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B TDD : B34/38/39/40/41
GNSS	GPS, Beidou, Glonass, Galileo
NFC	Front end NXP 557 chip, 13.56MHz
OPTIONAL MODULE	
Barcode Scanner	Optional 2D scanning, Zebra SE-4710 / Honeywell 5703
ENVIRONMENT	
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +70°C
Drop resistance	1.2 meter
IP Rating	IP67
BATTERY	
Battery type	4000 mAh, detachable Optional : 8000mAh/3000mAh explosion-proof batteries
MECHANICAL	
Dimensions (L x W x H mm)	165 x 76 x 16 mm
Weight (kg)	270g

## Ordering Information

Ref.	Description
<b>XHT-23A0502G1/464/4GNFC/A12</b>	5.5 inch PDA with Android 12 OS GMS / MTK6765 Octa-Core / rear camera / WIFI & BT & GPS/ 4GLTE/ 4GB + 64GB / 4000mAh / NFC
<b>XHT-23A0502G1/464/4GNFC2D/A12</b>	5.5 inch PDA with Android 12 OS GMS / MTK6765 Octa-Core / rear camera / WIFI & BT & GPS/ 4GLTE/ 4GB + 64GB / 4000mAh / NFC / Zebra SE4710 2D barcode