

.XHT-22A0501G1

5.5" Rugged PDA Android 15

Overview

Discover the XHT-22A0501G1, a rugged 5.5-inch Android 15 PDA designed for industrial, logistics and field environments. It features 4G LTE, Wi-Fi, Bluetooth 5.0, NFC and GPS, Glonass and Galileo positioning. Its 720 x 1440 IPS display, removable 3900 mAh battery and compact design make it ideal for everyday use. The Newland CM30 or Honeywell 5703 2D scanner is available as an option for traceability requirements. With IP65 protection and drop resistance up to 1.5 m, it is suitable for demanding operations.

Features

- 5.5" IPS 720x1440 capacitive multitouch
- MT6765 Octa-Core 2.3 GHz processor
- 4GB RAM, 64GB SSD ROM
- 5.5" IPS 720x1440capacitive multitouch
- Android 15 support Google Play
- 3900 mAh detachable battery
- Optional 2D scanning, Newland CM30/Honeywell 5703
- Optional 600mAh Backup Battery, Hot-Swappable



I/O Interfaces



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Specifications

DISPLAY	
Size	5.5-inch IPS 16:9
Touch type	Capacitive multitouch 5 points
Resolution	720x1440
SYSTEM	
CPU	MediaTek MT6765 Octa-Core 2.3 GHz
Memory	4 GB, optional 6GB
Storage	64 GB, optional 128GB
Expand memory	Supports up to 128 GB TF Card
Operating System	Android 15, support Google Play
Camera	Front : standard configuration none ; optional 5.0MP Rear : 8.0MP
Sensor	3D accelerometer, distance, light, electronic compass
I/O PORTS	
USB	1x USB type-C, support charging, OTG
SIM Card	Nano SIM Card + SD Card support (Max 128GB)
Audio	Silicon microphone, speaker, 1206 waterproof earpiece
Video code format	3gp/H.265 MPEG4
Button	4x side buttons: volume, 2x scan buttons (customizable), power button.
COMMUNICATION	
Wi-Fi	Support (802.11a/b/g/n, 802.11a/b/g/n/ac)
Bluetooth	Bluetooth 5.0
Cellular 4G	GSM : B2/3/5/8 WCDMA : B1/2/5/8 FDD-LTE : B1/2/3/4/5/7/8/12/17/20 TDD : B34/38/39/40/41
GNSS	GPS, Glonass, Galileo
NFC	NXP 557, 13.56MHz
OPTIONAL MODULE	
Barcode Scanner	Optional 2D scanning, Newland CM30 / Honeywell 5703
ENVIRONMENT	
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +70°C
Drop resistance	1.5 meter
Ambient humidity	5% - 95% RH, non-condensing
Scrolling test	1000 cycles of 0.5-meter undifferentiated rolling test
Electrostatic discharge	Air discharge 15 ±KV, Contact discharge ± 8KV
IP Rating	IP65
BATTERY	
Battery type	3900 mAh, removable battery Optional 600 mAh backup battery Hot-swappable
MECHANICAL	
Dimensions (L x W x H mm)	165 x 78 x 23 mm
Weight (kg)	279g (approx.), including battery

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Ordering Information

Ref.	Description
XHT-22A0501G1/464/4G/A15	5.5 inch PDA with Android 15 os GMS certified / MTK6765 Octa-Core 2.3GHz / WIFI&BT&GPS / 4G LTE / 4GB RAM +64GB ROM / 3900mAh
XHT-22A0501G1/464/4G2D/A15	5.5 inch PDA with Android 15 os GMS certified / MTK6765 Octa-Core 2.3GHz / WIFI&BT&GPS / 4G LTE / 4GB RAM +64GB ROM / 3900mAh / Honeywell 2D-N5703 barcode scanner
XHT-22A0501G1/464/4G2DSD/A15	5.5 inch PDA with Android 15 os GMS certified / MTK6765 Octa-Core 2.3GHz / WIFI&BT&GPS / 4G LTE / 4GB RAM +64GB ROM / 3900mAh / Self-designed barcode scanner
XHT-22A0501G1/464/4G2DLD/A15	5.5 inch PDA with Android 15 os GMS certified / MTK6765 Octa-Core 2.3GHz / WIFI&BT&GPS / 4G LTE / 4GB RAM +64GB ROM / 3900mAh / Zebra 2D-SE5500 barcode scanner (10-12M scanning)