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Mobile Computers

 1.5m drop	 1D & 2D	 4G	 5.5" screen	 Acuscan	 AER
 Android 13	 Bluetooth 5.2	 GMS	 GPS	 GS1 Ready	 IP65
 Megapixel	 Ndevor	 RFID	 Touchscreen	 UHF	 USB-C
 Warranty 2 Years	 WiFi 6E				



## Features

### WiFi 6E Generation

With the latest WiFi 6E technology, the MT93 Megattera Pro UHF offers improved speed and security to transmit data within four-wall applications. Fast roaming and increased bandwidth offered by WiFi 6E enable the MT93 to stay connected even in crowded wireless environments.

### Powerful Performance

Powered by 2.2GHz octa-core processor and a robust 4GB of RAM, the MT93 Megattera Pro UHF can effortlessly handle multiple tasks. Running on Android 13 and featuring GMS, this device not only strengthens security measures but also guarantees a smoother and more efficient operational experience.

### Intuitive and Comfortable Design

The MT93 Megattera Pro UHF combines advanced functionality with a user-friendly design. It is equipped with a 5.5-inch capacitive touchscreen, similar to a regular smartphone, providing ease of use. Additionally, the MT93 includes a pistol grip with an integrated UHF reader, which enhances efficiency and read range. Its ergonomic design helps reduce hand fatigue during extended use.

### Built to Last

The MT93 Megattera Pro UHF is purpose-built to thrive in demanding work environments. Sporting an IP65 rating and successfully passing drop tests from heights of up to 1.5 meters, this device is designed to endure the challenges of your daily operations.

### High-Precision Barcode Scanning & UHF Reading

Achieve unmatched precision in barcode scanning with the high-resolution megapixel scan engine, designed to deliver exceptional accuracy and speed. Positioned at the top of the device as a straight shooter, it ensures effortless and precise scanning, even in demanding environments. To create the most ergonomic and efficient workflow, activate the scanner or UHF reader via a tap on the screen by pressing a physical side button or using the Pistol Grip Trigger, providing maximum flexibility for point-and-shoot operation. This combination of advanced technology and user-focused design ensures seamless and reliable data capture every time.

### Uninterrupted Productivity

Boasting a robust 10,000mAh battery, the MT93 Megattera Pro UHF keeps you going throughout the full shift for up to 10 uninterrupted hours! Need even more power? Simply switch the battery to maintain workflow and minimize downtime.

### Android Enterprise Recommended (AER).

The MT93 Megattera Pro UHF carries Google's AER seal of approval, signaling it keeps pace with performance and security upgrades to its operating system and core functionality. This label, in combination with Newland's free MDM Ndevor, enables clients to maintain secure visibility and control over their devices regardless of location.

## TECHNICAL SPECIFICATIONS

# MT93 Megattera Pro UHF

## Data Capture

1D	Codel28, Code 49, Code 16K, (GSII28) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, CodaBar, Code93, Codell, Plessey, MSI Plessey, RSS.
2D	Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.
Aiming	Laser
Depth of Field Code 39 (5mil)	110 mm - 290 mm
Depth of Field DataMatrix (10mil)	110 mm - 260 mm
Depth of Field EAN 13 (13mil)	70 mm - 610 mm
Depth of Field PDF417 (6.7mil)	110 mm - 230 mm
Depth of Field QR (15mil)	55 mm - 410 mm
Image Sensor	1280 x 800 CMOS

## Performance

Current Operating System	Android 13, GMS, Android Enterprise Recommended (AER)
Memory Flash	64GB
Memory RAM	4GB
Processor	2.2 GHz octa-core, 64-bit, 2*A76@2.2 GHz, 6*A55@2.0 GHz

## Physical

Battery Type	10.000 mAh, removable
Buttons	Virtual on-screen buttons: Menu, Home, Back; Physical buttons: Left and right Scan keys, Volume +/-, Power
Dimensions	168(W) x 86(D) x 149(H) mm
Display/Touch Panel	5.5" (1440 x 720), brightness: 380 nits, Multi-point capacitive touchscreen, Gorilla glass
Expansion Slot	Micro SD Card (max 256GB)
Front camera	5 MP
Interfaces	USB-C
Keypad	5 keys, 3 Virtual keys
Microphone	Supports noise reduction, Dual microphones
Notifications	Speaker, Vibration, Multi-color LEDs
Power Supply Input	AC 100 to 240 V (50 to 60 Hz), 18w fast charge
Power Supply Output	DC5 V/7 V/9 V, 2 A
Rear camera	13 MP, LED flash, Auto focus
Sensors	Gravity Sensor, Electronic compass, Light & proximity sensor, Gyroscope
SIM/TF	Nano+Nano or Nano+TF

Weight	665 g (including battery)
<b>Wireless</b>	
GPS	Beidou, GLONASS, Galileo, GPS (AGPS)
WLAN RADIO	Built-in 802.11 a/b/g/n/ac/ax/k/v/r, support 2.4G and 5G dual frequency
WPAN RADIO	Bluetooth 5.2 BLE backward compatibility
WWAN RADIO	2G: 850/900 800 900MHz; 3G: WCDMA (B1, B2, B5, B5); CDMA: 1X EVDO (BCD); 4G: TDD-LTE (B34, B38, B39, B40, B41) FDD-LTE (B1, B2, B3, B5, B7, B5, B20, B28 a&b)
<b>UHF RFID</b>	
UHF Antenna	Circularly polarized antenna (4dBi), 5dBm-33dBm,(±1dBm) adjustable.
UHF Frequency Range	ETSI (Europe): 865.6-867.6MHz
UHF Module	Based on Impinj E710
UHF Protocol	EPC Class I Gen 2 (ISO 18000-BC)
UHF Read Range	Indoor: >12 m; Outdoor: >8 m (@ Alien 9740)
UHF Read Rate	>900 tags per second
<b>Environmental</b>	
Drop	1.5m drops to concrete (for six sides, one drop per side)
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP65
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
<b>Software</b>	
Configuration Tools	Ndevor
MDM (certified)	Ndevor
<b>Warranty</b>	
Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+1 Year, +3 Years
Warranty Standard	2 Years
<b>Accessories</b>	
Accessories Optional	USB-C cable, Charging cradle, Fast charging power adapter, Battery, Screen protector, Cig-plug adapter
Accessories Standard	Hand strap, USB-C cable, Battery, Screen protector, Multiplug adapter
<b>What's in the box?</b>	
NLS-MT9356-W4-UHF1	MT93 Megattera Pro UHF, USB-C cable, Battery, Screen protector, Hand strap, Multiplug adapter

## Accessories

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**Charging/Power**

ADP710 Power Supply for Mobile Computers (ADP710)  
NLS-CPA-UNIV Cig-Plug Adapter (NLS-CPA-UNIV)

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**Cables**

CBL-TC-N7 USB to USB-C Cable (CBL-TC-N7)

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**Base Stations**

NLS-MCD93-U-01 Charging Cradle for MT93 UHF (NLS-MCD93-U-01)

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**Protection & Handling**

SPMT93 Glass Screen Protector for MT93 Series (SPMT93)

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**Newland AIDC EMEA**

Feel free to contact us or a partner near you.

[info@newland-id.com](mailto:info@newland-id.com) - [newland-id.com](http://newland-id.com)

Specifications are subject to change without notice

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