Newland AIDC
SCANNING MADE SIMPLE

MT93 Megattera Standard

Mobile Computers



1D & 2D | 4G | 5.5" screen | Acuscan | Android 13 | Bluetooth 5.2

GMS | GPS | GS1 Ready | IP65 | Megapixel | Ndevor

NFC | Touchscreen | USB-C | Warranty 2 Years | WIFI Dual Band







Features

Powerful Performance
Powered by 2.2GHz octa-core processor and a robust 4GB of RAM, the MT93 Megattera Standard 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 Standard blends advanced functionality with a user-centric design. The MT93 boasts a combination of lightweight design and rugged durability. It comes equipped with a user-friendly 5.5-inch capacitive touchscreen, just like your regular smartphone. Featuring an angled scan engine, the MT93 Megattera Standard adds comfort to your workflow, effectively minimizing fatigue and discomfort associated with pro-longed scanning activities.

High-Precision Barcode Scanning
Experience unparalleled scanning precision with the high-resolution megapixel scan engine. Positioned conveniently at the device's top, it facilitates swift and accurate scanning. Activate it through a simple tap on the screen or by pressing a physical side button for effortless point-and-shoot scanning. Make fewer mistakes with the Acuscan feature that makes sure you scan the right barcodes even when they are placed closely together.

Uninterrupted Productivity
Boasting a robust 5000mAh battery, the MT93 Megattera Standard keeps you going throughout the full shift for up to 10 uninterrupted hours! Need even more power? Simply switch the battery to ensure uninterrupted workflow and reduced downtime.

Built to Last
The MT93 Megattera Standard 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.

2 Years Full Warranty | Ndevor NEWLAND SOFTWARE | SOTI MOBICONTROL | Google GMS

TECHNICAL SPECIFICATIONS

MT93 Megattera Standard

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Aiming	Laser diode
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
GS1 Ready	Yes
Illumination	White LED (625±10nm)
Image Sensor	1280 x 800 CMOS
Scan Rate	60 frames per second

Performance

Current Operating System	Android 13, GMS
Memory Flash	64GB
Memory RAM	4GB
Processor	2.2 GHz octa-core, 64-bit (MT8781), 2*A76@2.2 GHz, 6*A55@2.0 GHz

Physical

Battery Type	3.85 V, 5000 mAh, removable
Buttons	Virtual on-screen buttons: Menu, Home, Back; Physical buttons: Left and right Scan keys, Volume +/-, Power
Dimensions	159(W) × 74(D) × 15.9(H) mm
Display/Touch Panel	5.5” (1440 x 720), brightness: 380 nits, Multi-point capacitive touchscreen, Hardened glass
Expansion Slot	Micro SD Card (max 256GB)
Front camera	5 MP
Interfaces	USB-C
Keypad	3 Virtual keys, 5 keys
Microphone	Dual microphones, Supports noise reduction
Notifications	Speaker, Multi-color LEDs, Vibration
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, Auto focus, LED flash
Sensors	Light & proximity sensor, Gravity Sensor, Gyroscope, Electronic compass
SIM/TF	Nano+Nano or Nano+TF

Weight	277 g (including battery)

Wireless

GPS	GPS (AGPS), GLONASS
NFC	13.56MHz RFID: ISO14443A/B, MIFARE, FeliCa, NFCForumTags, ISO15693
WLAN RADIO	WIFI 5 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency
WPAN RADIO	Bluetooth 5.2 BLE backward compatibility
WWAN RADIO	2G: 850/900/1800/1900MHz; 3G: WCDMA (B1, B2, B5, B8), CDMA: 1X EVDO (BC0); 4G: TDD-LTE (B34, B38, B39, B40, B41), FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28 a&b)

Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct 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)

Software

Android Roadmap	https://www.newland-id.com/en/support/android-roadmap-for-newland-devices/
Configuration Tools	Ndevor
MDM (certified)	Ndevor

Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+1 Year, +3 Years
Warranty Standard	2 Years

Accessories

Accessories Optional	USB-C cable, Protective case, Charging cradle, 4-slot battery charger, Battery, Adapter, Protective film, Screen protector
Accessories Standard	Protective case, USB-C cable, Battery, Screen protector, Hand strap, Multiplug adapter

What's in the box?

NLS-MT9300-W4-AS	MT93 Megattera Standard, Protective case, USB-C cable, Battery, Screen protector, Hand strap, Multiplug adapter

Accessories

Charging/Power	AD60-D-M Power Supply with Multiplug Adapter (AD60-D-M) ADP710 Power Supply for Mobile Computers (ADP710) BTY95L Battery for MT93 Series (BTY95L) NLS-CPA-UNIV Cig-Plug Adapter (NLS-CPA-UNIV) NLS-DCC-CCMT93-01 Fixed Installation Kit for MT93 Card Cradle (NLS-DCC-CCMT93-01) NLS-MCD9350-4B 4-slot Battery Charger for MT93 Series (NLS-MCD9350-4B)
Protection & Handling	BT105 Belt for Holster (BT105)

	HS105 Holster for MT93 Series, MT95, MT90, and MT37 (HS105) HS106 Holster for MT67, MT90, MT93, and N7 (HS106) MC105 Metal Clip for Holster (MC105) MS105 Mounting Strap for Holster (MS105) NLS-HS-MT-001 Hand Strap for MT93xx and MT9557 series (NLS-HS-MT-001) NLS-MRB9350-AS Protective Case for MT93 Series (NLS-MRB9350-AS) NS105 Neck Strap for Holster (NS105) PT105 Protection Flap for Holster (PT105) RC105 Rotating Clip for Holster (RC105) SPMT93 Glass Screen Protector for MT93 Series (SPMT93)
Cables	CBL-TC-N7 USB to USB-C Cable (CBL-TC-N7) NLS-CPA-CCMT93-01 Cigarette Plug Adapter (NLS-CPA-CCMT93-01)
Base Stations	NLS-CC-MT93-01 Car Cradle for MT93 Series (NLS-CC-MT93-01) NLS-CCSM-01 Heavy Duty Suction for Car Cradle (NLS-CCSM-01) NLS-MCD9350-01 Charging Cradle for MT93 Series (NLS-MCD9350-01)

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