Newland
SCANNING MADE SIMPLE

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1D & 2D	Android 10	AER	Megapixel	GMS	Laser aimer
5.0" screen	Touchscreen	Micro USB	4500 mAh	Micro SD	Camera
1.5m drop	IP65	4G	WIFI Dual Band	Bluetooth 4.2	NFC
GPS	Ndevor	Acuscan	Warranty 2 Years		

android enterprise recommended

MT90 Orca Pro
Mobile Computers

Features

Full touchscreen mobile computer.
Like the rest of its series, the MT90 Orca Pro is an Android mobile computer that packs all of the latest hardware into a modern and user-friendly design. It is a light and durable device with a 5" capacitive touch screen. Equipped with a familiar user interface and the exterior of a rugged consumer phone, the MT90 Orca Pro is easy to set up and use right out of the box.

Android Enterprise Recommended (AER).
The MT90 Orca Pro carries Google's AER seal of approval, signalling 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. MT90 Orca Pro is also available without Google Mobile Services (GMS), a more streamlined consideration for applications that remain inside the four walls.

Fast Charging and long operating time.
The MT90 Orca Pro has fast charging for its standard 3.8V 4500mAh and its extended capacity 6500mAh battery. Both batteries are replaceable, allowing the user to operate across multiple shifts, day by day.

Powerful and accurate barcode scanning.
The MT90 Orca Pro's megapixel scanner is built in at the top of the device and can be triggered with a virtual button on the screen, physical buttons on the side of the device or via the trigger on the handle of the PG90 Pistol grip. Newland's Acuscan function makes the unit ideal for picking applications.

Business-class durability.
The MT90 Orca Pro is built to withstand dusty environments and inevitable bumps and drops. It has Gorilla® Glass, a rating of IP65 and has been drop tested up to 1.5m, ensuring longer and more reliable use.

Accessories that match your operations.
A wide range of accessories for the MT90 Orca Pro are included in the package, namely: USB cable, battery, rubber boot and multi plug adapter. Various pistol grips, including both UHF and long range, holsters, multi-charging cradles, communication (USB) cradle and vehicle cradle kit are also available for the MT90 Orca Series.

Suggested industries

Events	Hospitality	Logistics	Retail	Warehousing

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Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Image Sensor	1280 x 800 CMOS
Illumination	White LED
Aiming	Red LED (650nm laser diode)

Performance

Operating System	Android 10 - GMS, Android Enterprise Recommended (AER)
Processor	Qualcomm Snapdragon 1.8GHz octa-core 64-bit
Memory RAM	4GB
Memory Flash	64GB
Memory Storage Expansion (max.)	Micro SD card (max. 128GB)

Physical

Dimensions (mm)	155(W) x 78(D) x 20(H)mm
Weight	265g (including battery)
Display	5" full colour (1280x720)
Touch Panel	Capacitive touch screen, Gorilla® Glass
Keypad	10 keys (side keys included)
Buttons	Side Keys Volume+ ,Volume- , Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Interfaces	Micro USB
Battery Type	3.8V, 4500mAh
Notifications	Vibrator, speaker and multi-color LED
Power Supply Input	AC110 ~ 220V, 50~60Hz
Power Supply Output	DC5V,2A
Expansion Slot	Micro SD card (max. 128GB)
Camera	Front 2.0 megapixels, Rear 13 megapixels, autofocus, with LED flashlight

Environmental

Operating Temperature	-20°c to 55°C (-4°F to 131 °F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)
Drop	1.5m
IP Rating	IP65

Wireless

WWAN RADIO	2G: GSM (850/900/1800/1900MHz) 3G: WCDMA (B1, B2, B5, B8),TD-SCDMA (B34, B39), CDMA 1x/EVDO (BC0) 4G: TDD-LTE (B38, B39, B40, B41(100m)), FDD-LTE (B1, B2, B3, B5, B7, B8, B2, B28a&b)
WLAN RADIO	802.11 a/b/g/n/ac, compatible with d/h/i/k/r/v/w, support 2.4GHz and 5GHz

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WPAN RADIO	Bluetooth 4.2 LE, backward compatible
RFID	13.56MHz RFID ISO14443A/B, MI FARE, FeliCa, NFC Forum Tags, ISO15693
GPS	Galileo, GLONASS, GPS (AGPS)

Accessories

Standard	Battery, AC adapter, USB cable, Rubber Boot
Optional	Charging Cradle, Pistol Grip, Long Range Pistol Grip, UHF Pistol Grip, Wrist Strap, Hand Strap, 3 Slot Cradle, 4 Slot Battery Charger, High Capacity Battery

Software

MDM (certified)	Ndevor, SOTI, Airwatch
Terminal Emulation (compatible)	StayLinked, IVANTI Velocity
Configuration Tools	Ndevor

Warranty

Standard	2 years

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