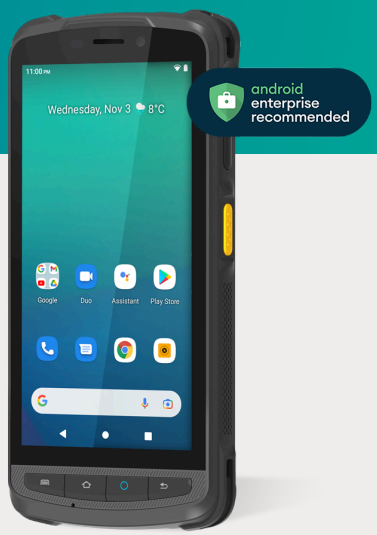
Newland AIDC
SCANNING MADE SIMPLE



MT90 Orca Pro II

Mobile Computers

1.5m drop
1D & 2D
4,500 mAh
4G
5.0" screen
Acuscan
AER
Android 11
Bluetooth 5.0
Camera
GMS
GPS
IP65
Laser aimer
Megapixel
Micro SD
Ndevor
NFC
Touchscreen
USB-C
Warranty 2 Years
WIFI Dual Band



Features

Full touchscreen mobile computer.
Like the rest of its series, the MT90 Orca Pro II 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 II is easy to set up and use right out of the box.

Android Enterprise Recommended (AER).
The MT90 Orca Pro II 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.

Fast Charging and long operating time.
The MT90 Orca Pro II 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 II'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 II 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 II 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.

2 Years Full Warranty
Ndevor NEWLAND SOFTWARE
SOTI MOBICONTROL
Ivanti Validated
Google GMS
android enterprise recommended

MT90 Orca Pro II

Data Capture

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

Performance

Current Operating System	Android 11, GMS, Android Enterprise Recommended (AER)
Memory Flash	128GB
Memory RAM	6GB
Processor	2.0 GHz octa-core, 64-bit

Physical

Battery Type	3.8 V, 4500 mAh, removable
Buttons	Side Keys Volume+ ,Volume- , Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Dimensions	155(W) x 78(D) x 20(H) mm
Display/Touch Panel	5” full colour (1280 × 720), Capacitive touchscreen, Gorilla glass
Expansion Slot	Micro SD card (max. 128GB)
Front camera	2 MP
Interfaces	USB-C
Keypad	10 keys
Notifications	Speaker, Multi-color LEDs, Vibration
Power Supply Input	AC 110 to 220 V (50 to 60 Hz)
Power Supply Output	DC5 V, 2 A
Rear camera	8 MP, Auto focus, LED flash
SIM/TF	Dual SIM: 1 SIM card, 1 Micro SIM Card
Touch Panel	Capacitive touchscreen, Gorilla glass
Weight	265 g (including battery)

Wireless

GPS	Galileo, GLONASS, GPS (AGPS)
RFID	13.56MHz RFID ISO14443A/B, MI FARE, FeliCa, NFC Forum Tags, ISO15693
WLAN RADIO	802.11 a/b/g/n/ac, compatible with d/h/i/k/r/v/w, support 2.4GHz and 5GHz
WPAN RADIO	Bluetooth 5.0 BLE, backward compatible
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)

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

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

Warranty

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

Accessories

Accessories Optional	Charging cradle, Pistol grip, Wrist holster, Hand strap, 4-slot battery charger, Battery, Screen protector
Accessories Standard	Battery, AC adapter, USB-C cable, Rubber boot, Screen protector

What's in the box?

All versions	MT90 Orca Pro II, USB cable, battery, rubber boot, multiplug adapter

Newland AIDC EMEA
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Feel free to contact us or a partner near you.
info@newland-id.com - newland-id.com

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