

MT90 Orca II

Mobile Computers

		4,500 mAh			
1.5m drop	1D & 2D		4G	5.0" screen	Acuscan
					
Android 8.1	Bluetooth 4.2	Camera	GMS	GPS	IP65
					
Laser aimer	Megapixel	Micro SD	Micro USB	Ndevor	Touchscreen
					
Warranty 2 Years	WIFI Dual Band				



Features

Full touchscreen mobile computer.

The MT90 Orca II is an Android mobile computer that packs all of the latest hardware in 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 consumer phone, the MT90 Orca II is easy to set up and use right out of the box.

Megapixel barcode scanning.

Developed for quick and efficient barcode scanning, the MT90 Orca II ensures maximum productivity. Its megapixel scan engine is built in at the top of the device and can be triggered with a virtual button on the screen or a physical button on the side of the device for easy point-and-shoot scanning.

Reliable all day use with a replaceable battery.

The MT90 Orca II has a 3.8V 4500mAh battery that allows you to use the device all day without problem. Additionally, the battery is replaceable, allowing you to use a spare battery if needed.

Business-class durability.

The MT90 Orca II is built to withstand dusty environments and inevitable bumps and drops. It has a rating of IP65 and has been drop tested up to 1.5m, or 1.8m with a rubber boot, ensuring longer and more reliable use.

GMS (optional).

The MT90 Orca II has models with and without Google Mobile Services (GMS). GMS offers integrated Google applications such as Gmail, Google Maps and Google Play Store.

Accessories that match your operations.

A wide range of accessories for the MT90 Orca II are included in the package, namely: USB cable, battery, and AC 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

MT90 Orca II

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Aiming	Laser diode
Illumination	White LED (625±10nm)
Image Sensor	1280 × 800 CMOS

Performance

Current Operating System	Android 8.1, GMS
Memory Flash	16GB
Memory RAM	2GB
Memory Storage Expansion (max.)	Micro SD card (max. 32GB)
Processor	1.5 GHz quad-core, 64-bit

Physical

Audio	Speaker, Microphone
Audio Jack	3.5mm earphone jack
Battery Type	3.8 V, 4500 mAh
Buttons	Side Keys Volume+, Volume-, Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Dimensions	155(W) × 78.5(D) × 20.5(H) mm
Display/Touch Panel	5” full colour (1280 × 720), Capacitive touchscreen
Expansion Slot	Micro SD card (max. 32GB)
Expected Battery Life	10 hours
Expected Charge Time	5 hours (charge via AC adapter)
Interfaces	Micro USB, Pogo pins, OTG
Keypad	10 keys
Notifications	Speaker, Vibration, Multi-color LEDs
Power Supply Input	AC 100 to 240 V (50 to 60 Hz)
Power Supply Output	DC5 V, 2 A
Rear camera	LED flash, Auto focus, 8 MP
SIM/TF	Dual SIM: 1 SIM card, 1 Micro SIM Card
Touch Panel	Capacitive touchscreen
Weight	265 g (including battery)

Wireless

GPS	GLONASS, GPS (AGPS)
WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz
WPAN RADIO	Bluetooth 4.2 LE, 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
Drop with Rubber Boot	1.8 m
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)

Software

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

Certifications

Certifications Hardware	FCC ID, CE RED, RoHS, Laser safety (Class II), EN 62471
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Warranty

Warranty Standard	2 Years
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Accessories

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

Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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