





MT90 Orca III

Mobile Computer

 1.5m drop	 1D & 2D	4,500 mAh	 4G	 5.0" screen	 Acuscan
 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.

The MT90 Orca III 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 III 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 III 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 III has a 3.8V 4500 mAh 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 III 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.

The MT90 Orca III offers Google Mobile Services (GMS) with 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 III are included in the package, namely: single slot charging & communication (USB) cradle, rubber boot, hand strap and wrist lanyard. Pistol grip, UHF pistol grip, long-range pistol grip and holsters are optional.



MT90 Orca III

Datenerfassung

1D	All major 1D symbologies
2D	All major 2D symbologies
Zielen	Laserdiode
Beleuchtung	Weißer LED (625±10 nm)
Bildsensor	1280 x 800 CMOS
Scan-Modi	Auslösemodus
Scanrate	60 frames per second

Scanleistung

Aktuelles Betriebssystem	Android 11, GMS
Speicher-Flash	64GB
Speicher-RAM	4GB
Speichererweiterung (max.)	Micro SD card (max. 128GB)
Prozessor	2.0 GHz octa-core, 64-bit

Physikalisch

Audio	Lautsprecher, Mikrofon
Audiobuchse	3,5-mm-Kopfhörerbuchse
Batterietyp	3.8 V, 4500 mAh, swappable
Tasten	Side Keys Volume+, Volume-, Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Abmessungen (mm)	155(W) x 78(D) x 20(H) mm
Anzeige	5" full colour (1280 x 720)
Erweiterungssteckplatz	Micro SD card (max. 128GB)
Erwartete Akkulaufzeit	10 hours
Erwartete Ladezeit	5 hours (charge via AC adapter)
Schnittstellen	USB-C
Tastenfeld	10 Tasten
Benachrichtigungen	Lautsprecher, Vibration, Mehrfarbige LEDs
Netzteileingang	AC 100 to 240 V (50 to 60 Hz)
Netzteilausgang	DC5 V, 2 A
Rückkamera	LED-Blitz, Autofokus, 8 MP
SIM/TF	Dual SIM: 1 SIM card, 1 Micro SIM Card
Touchpanel	Kapazitiv-Touchscreen
Gewicht	270 g (including battery)

Kabellos

GPS	GLONASS, GPS (AGPS)
RFID	13.56MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
WLAN RADIO	IEEE 802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, support 2.4GHz and 5GHz

WPAN RADIO	Bluetooth 5.0 (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: FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28; TDD-LTE: B34/B38/B39/B40/B41

Umwelt

Fallhöhe	1.5 m
Fallschutz mit Gummischutzhülle	1.8 m
Elektrostatische Entladung (ESD)	±8 kV (direkte Entladung), ±15 kV (Luftentladung)
Feuchtigkeit	5 % bis 95 % (nicht kondensierend)
IP-Bewertung	IP65
Betriebstemperatur	-20 °C bis 55 °C (-4 °F bis 131 °F)
Lagertemperatur	-40 °C bis 70 °C (-40 °F bis 158 °F)

Software

Konfigurationstools	Ndevor
MDM (zertifiziert)	Ndevor, SOTI, Airwatch
Terminal-Emulation	StayLinked, Ivanti Velocity

Zertifizierungen

Zertifizierungen Hardware	FCC ID, CE RED, RoHS, Laser safety (Class II), EN 62471
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Garantie

Umfassender Servicevertrag	3 Jahre, 5 Jahre
Garantieverlängerung	+1 Jahr, +3 Jahre
Standardgarantie	2 Jahre

Zubehör

Optionales Zubehör	4-fach-Ladegerät, Ladestation, Pistolengriff, Akku, Displayschutzfolie, Handgelenk-Holster, Handschlaufe
Standardzubehör	USB-Kabel, Schutzhülle aus Gummi, Akku, Displayschutzfolie, Netzteil

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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