1D & 2D	**Android 11**	**Ndevor**	**Megapixel**	**GMS**	**Laser aimer**
5.0" screen	**Touchscreen**	**USB-C**	**4500 mAh**	**Micro SD**	**Camera**
1.5m drop	**IP65**	**4G**	**Bluetooth 5.0**	**NFC**	**WIFI Dual Band**
GPS	**Acuscan**	**Warranty 2 Years**			

MT90 Orca III
Mobile Computers

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.

Suggested industries

Retail	**Logistics**	**Hospitality**	**Events**	**Healthcare**

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Image Sensor	1280x800 CMOS
Aiming	Laser diode
Illumination	White LED (625±10nm)
Scan Modes	Trigger Mode
Scan Rate	60 frames per second

Performance

Operating System	Android 11 - GMS
Processor	2.0GHz octa-core 64-bit
Memory RAM	4GB
Memory Flash	64GB
Memory Storage Expansion (max.)	Micro SD card (max. 128GB)

Physical

Audio	Microphone / speaker
Audio Jack	3.5mm earphone
Battery Type	3.8V, 4500mAh
Buttons	Side Keys Volume+, Volume-, Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Camera	8 megapixels, auto focus, with LED flashlight
Dimensions (mm)	155(L) × 78(W) × 20(H)mm
Display	5" full colour (1280×720)
Expansion Slot	Micro SD card (max. 128GB)
Expected Battery Life	10 hours
Expected Charge Time	5 hours (charge via AC adapter)
Interfaces	USB-C
Keypad	10 keys (side keys included)
Notifications	Vibrator, speaker and multi-color LED
Pogo Pin	√
Power Supply Input	DC5V, 2A
Power Supply Output	AC100~240V, 50~60Hz
SIM/TF	Dual SIM: 1 SIM card, 1 Micro SIM Card
Touch Panel	Capacitive touch screen
Weight	270g (including battery)

Wireless

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
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

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WPAN RADIO	Bluetooth 5.0 (backward compatible)
RFID	13.56MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
GPS	GPS (AGPS), GLONASS

Environmental

Operating Temperature	-20℃ to 55℃ (-4°F to 131°F)
Storage Temperature	-40℃ to 70℃ (-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, 1.8m with rubber boot
IP Rating	IP65

Accessories

Standard	Battery, AC adapter, USB cable, Rubber Boot, Screen Protector
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, Screen protector (SPMT90)

Software

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

Certifications

Hardware	CE RED, FCCID, RoHS, IEC6247, Laser safety (Class II)

Warranty

Standard	2 years
Warranty Extension	+1 or 3 Years
Comprehensive Service	3 or 5 Years

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