



MT65 Beluga
Mobile Computers

Features

Megapixel barcode scanner.

Armed with Newland's 2D megapixel barcode reader, the MT65 Beluga has an excellent scanning performance. The higher resolution means even small barcodes can be read from a longer distance. Pinpoint precision scanning codes, even when close together, is made easier Acuscan.

Android 8.1 operating system.

The Android OS of the MT65 Beluga ensures near endless application possibilities. It gives you the data security and admin tools you need for control and complete peace-of-mind.

Versatile touch screen with keyboard.

The MT65 Beluga Mobile Computer combines a good size touch screen with a physical keyboard. It equips you with a mobile computer suitable for many different applications, including usage with gloves or the quick and easy typing in of quantities.

Extended battery life.

The MT65 Beluga provides up to 10 hours of battery life, so it is

sure to last a full shift for average applications. Is your application more intensive? A replaceable battery and charging cradle with extra battery slot ensure employees can easily switch it out and continue scanning.

Angled scan engine for comfort.

The megapixel scan engine on the MT65 Beluga is set at an angle. This means that the screen and keypad remain visible to the operator, even when scanning codes above shoulder height.

GMS (optional).

The MT65 Beluga has models with and without Google Mobile Services (GMS). GMS offers integrated Google applications such as Gmail, Google Maps and Google Play Store.

Accessories.

Various accessories for the MT65 Beluga are included in the package, amongst which: single slot charging and communication (USB) cradle, battery power supply and cable. Available add ons include: pistol grip, multi charger and holster.



Suggested industries



Industrial



Logistics



Retail



Transportation



Warehousing

MT65 Beluga Technical specifications

Performance

Image Sensor	1280 x 960 CMOS
Operating System	Android 8.1 - non GMS and GMS versions available
Processor	1.5GHz quad-core 64-bit ARM
Memory RAM	2GB
Memory Flash	16GB
Memory Storage Expansion (max.)	Micro SD card (max. 32GB)
Illumination	White LED (625±10nm)
Aiming	Laser diode
Depth of Field EAN 13 (13mil)	45-380mm
Depth of Field CODE 39 (5mil)	75-180mm
Depth of Field PDF417 (6.67mil)	70-170mm
Depth of Field Data Matrix (10mil)	50-180mm
Depth of Field QR (15mil)	40-220mm
Minimal Print Contrast	25%
Scan Angle Roll	360°
Field of View Horizontal	49.5°
Field of View Vertical	37°
Scan Modes	Trigger Mode, Sense Mode
Scan Rate	60 frames per second

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies, including QR Code, Data Matrix, Aztec, Micro PDF, Micro QR, PDF417.

Physical

Dimensions (mm)	166(L)x73(W)x26(H) mm
Weight	330g (including battery)
Display	4" WVGA (800×480)

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Touch Panel	Capacitive touch screen
Keypad	30 keys (side keys included) with backlight
Interfaces	Micro USB 2.0, battery charging over USB supported
Battery Type	3.7V, 3800mAh, removable
Expected Battery Life	10 hours
Expected Charge Time	4.5-5 hours (charge via AC adapter)
Notifications	Vibration, speaker and multi-color LEDs
Power Supply Input	AC110 ~ 220V, 50~60Hz
Power Supply Output	DC5V, 2.0A
Expansion Slot	Micro SD card (max. 32GB)
Camera	8 megapixels, auto focus, with LED flashlight

Environmental

Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)
Drop	1.2m
IP Rating	IP65

Wireless

WWAN RADIO	TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28 a&b)
WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz
WPAN RADIO	Bluetooth 4.2 LE, backward compatible
RFID	13.65MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
GPS	GPS (AGPS), GLONASS

Accessories

Optional	Charging Cradle, Battery, AC adapter, USB Cable, Hand Strap, Pistol Grip, 4-slot Charger
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MT65 Beluga Technical specifications

Software

MDM	Ndevor, SOTI
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Terminal Emulation	StayLinked, Airwatch
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Configuration Tools	Ndevor
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Certifications

Hardware	FCCID, RoHS, IEC62471, EN60950
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Warranty

Standard	2 years
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