



MT65 Beluga IV
mobile computers

Features

Megapixel barcode scanner.

Armed with Newland's fifth generation of UIMG technology 2D megapixel barcode reader, the MT65 Beluga IV has an excellent scanning performance. The higher resolution means even small barcodes can be read from a longer distance. That means it is now easier to scan a barcode on a shelf or on a box on the ground without needing to get the mobile computer closer.

Android 8.1 Oreo OS.

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

Rugged construction.

The MT65 Beluga IV is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

Extended battery life.

The MT65 Beluga IV 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.

Buckets MDM software included.

Each MT65 Beluga IV includes Newland's mobile device management software: Buckets. Buckets enables you to control all units in the field, allowing you to quickly push updates and changes, to send messages and to keep track of all devices from a single location.

GMS (optional).

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

Optional Accessories.

Pistol grip, charging & communication cradle, multi charger, holster.



Application Scenarios



MT65 Beluga IV technical specifications

Performance	Operating System	Android 8.1, GMS (Optional)
	Processor	1.5GHz quad-core 64-bit ARM processor
	Memory RAM	2GB
	Memory Flash	16GB
	Memory Storage Expansion (Max.)	Micro SD card (max. 32GB)
	Image Sensor	1280 x 960 CMOS
	Illumination	Red LED (625±10nm)
	Aiming	Laser diode
	Depth of Field EAN13 (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°
Data capture	Scan Modes	Trigger, Sense
	Scan Rate	60 frames per second
Data capture	1D	All major 1D symbologies
	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code, etc.
Physical	Dimensions (mm)	166(L)x73(W)x26(H) mm
	Weight	330g (including battery)
	Display	4" WVGA (800x480)
	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)
Environmental	Camera	8 megapixels, auto focus, with LED flashlight
	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
Wireless	Sealing	IP65
	WWAN Radio	2G: GSM (B2, B3, B) 3G: WCDMA (B1, B2, B5, B8); CDMA2000 1X/EV DO Rev. A (BC0); TD-SCDMA(B34, B39) 4G: TD LTE (B38, B39, B40, B4); 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 4.0 LE, backward compatible
	RFID	13.65MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
Accessories	GPS	GPS, AGPS
	Optional	charging cradle, battery, AC adapter, cable, hand strap, scanner pistol grip, 4-slot charger
MDM	Buckets	Supported
Certifications	Certifications	FCCID, RoHS, IEC62471, EN60950

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