



MT65 Beluga III
mobile computers

Features

Megapixel barcode scanner.

Armed with Newland's fifth generation of UIMG technology 2D megapixel barcode reader, the MT65 Beluga III 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 7.0 Nougat OS.

The Android OS of the MT65 Beluga III 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 III is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

Extended battery life.

The MT65 Beluga III 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 III 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.

Optional Accessories.

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

Current models released.

MT6551-2W (without cradle) MT6551-2W-C (with cradle)



Application Scenarios



logistics



postal



retail



ticketing



transportation



warehousing

MT65 Beluga III technical specifications

Performance	Operating System	Android 7.0 Nougat
	Processor	1.3GHz quad-core 64-bit processor
	Memory RAM	2GB
	Memory Flash	16GB
	Memory Storage Expansion (Max.)	Micro SD card (max. 32GB)
	Image Sensor	CMOS 1280 x 960
	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°
	Scan Modes	Trigger, Sense
	Scan Rate	60 frames per second
Data capture	1D	Code 128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 25, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP 25, Matrix 25, Industrial 25, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar
	2D	PDF417, QR Code, Data Matrix, Aztec, etc.
Physical	Dimensions (mm)	PDA:166(L) × 73(W) × 26(H) Cradle:
	Weight	PDA:330g (including battery) Cradle:
	Material	PC, ABS
	Display	4", WVGA (800×480)
	Touch panel	Capacitive touch screen
	Keypad	30 keys (side keys included) with backlight
	Buttons	Power Key, Left Scan Key, Right Scan Key, Volume Keys
	Interfaces	Micro USB
	Battery Type	3.7V, 3800mAh, removable
	Expected Battery Life	10 hours
	Expected Charge Time	4.5-5 hours (charge via AC adapter)
	Notifications	Vibrator, speaker and multi-color LEDs
	Power Supply Input	DC5V, 2.0A
	Power Supply Output	AC100~240V, 50~60Hz
	Audio	Microphone / speaker
	Audio Jack	3.5mm earphone
	Expansion Slot	Micro SD card (max. 32GB)
	Camera	8 megapixels, auto focus, with LED flashlight
	SIM	1 SIM card
Environmental	Ambient Light	0 ~ 100000 lux (natural light)
	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
	Sealing	IP65
Wireless	WWAN Radio	2G:GSM/GPRS/EDGE: B2, B3, B5, B8 (850/900/1800/1900MHz) 3G:WCDMA (B1, B2, B5, B8); CDMA2000 1X/ EV-DO Rev. A (BC0); TD-SCDMA (B34, B39) 4G:TD-LTE (B38, B39, B40, B41),FDD-LTE (B1, B3, B7, B20)
	WLAN Radio	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz
	WPAN Radio	Bluetooth 4.0 LE
	RFID	13.56MHz RFID:ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
	GPS	GPS, AGPS
Accessories	Optional	Charging cradle, wrist strap, shoulder strap, scanner pistol grip
	Standard	Battery, AC adapter, USB cable
MDM	Buckets	Supported
	SOTI	Supported
Certifications	Certifications	FCCID, RoHS, IEC62471, EN60950