



MT65 Beluga II
mobile computers

Features

Rugged construction.

The rugged housing of the Beluga II is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

Extended battery life.

The Beluga II provides up to 10 hours of battery life on the go.

Superior barcode reading performance.

Armed with Newland's fifth-generation of UIMG technology, the Beluga II can decode even poor quality barcodes, such as soiled or wrinkled barcodes, with ease.

Heavily customised Android.

The value-added features of the Beluga II, including application protection and admin tools, seek to shore up Android's data security.

Diverse functionalities.

The MT65 Beluga II offers Bluetooth/Dual band Wi-Fi 2.4GHz and 5GHz/4G/3G/GPS/Camera functionalities to meet various application needs.

Accessories.

For your convenience, MT65 Beluga II can be used with a pistol grip and a charging cradle.

Current models released.

MT6550-3W (1D CCD) MT6550-4W (2D CMOS)



Application Scenarios



logistics



postal



retail



ticketing



transportation



warehousing

MT65 Beluga II technical specifications

Performance	Operating System	Android 5.1
	Processor	1.3GHz quad-core 64-bit processor
	Memory RAM	1GB
	Memory Flash	8GB
	Memory Storage Expansion (Max.)	Micro SD card (max. 32GB)
	Image Sensor	CMOS 752*480
	Illumination	612nm-624nm red LED
	Aiming	650nm laser diode
	Minimal Print Contrast	20%
	Scan Angle Roll	360°
	Scan Angle Pitch	±55°
	Scan Angle Skew	±55°
	Field of View Horizontal	36°
	Field of View Vertical	23°
	Scan Modes	Trigger Mode, Sense Mode
	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, etc.
Physical	Dimensions (mm)	166(L) × 73(W) × 26(H) mm
	Weight	330g (including battery)
	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, 3700mAh, 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
	Pogo Pin	√
	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
Device Management	SOTI	Supported
Certifications	Certifications	FCCID, RoHS, IEC62471, EN60950
Waranty	Warranty	2 years