



# NAUTIZ X21

**More durable. More powerful. Still compact.**

## **Lightning-fast connectivity**

The Handheld Nautiz X21 is designed to keep your business ahead with 5G technology and a high-end industrial chipset, ensuring rapid data transmission and low latency.

## **Enhanced design for outdoor excellence**

Based on the lightweight design of our popular Nautiz X2, the Nautiz X21 features a larger screen, an integrated handstrap, Google GMS, and it is Android Enterprise Recommended. Workers can enjoy a bright display that allows interaction with gloves or wet fingers, superior barcode scanning, and a high-resolution camera to capture site images for enhanced task accuracy and productivity.

## **More durable than ever**

The Nautiz X21 is built to withstand the harshest conditions with IP65 and IP68 ratings, MIL-STD-810H testing, new bumpers for added protection, and a 1.8-meter drop resistance. It's your reliable partner for a range of industries such as field service, forestry, GIS, logistics, utilities, waste management, and more.

## **User-friendly and customizable**

Programmable buttons let you tailor the device to your workflow, providing quick access to essential functions. The Nautiz X21 adapts perfectly to your needs, ensuring ease of use for enhanced efficiency straight out of the box.

## **Effortless device management**

With the MaxGo Mobile Device Management system, you can manage your devices effortlessly from a central location. Deploy, configure, and maintain your devices with ease, ensuring they are always up-to-date and functions the way you want them to.

## **Reliable longevity and support**

Our service and support packages ensure your Nautiz X21 performs at its best throughout its lifecycle. From setup and training to ongoing technical support and future OS updates, your operations will keep running smoothly for years to come.

# NAUTIZ X21

Version 1.0

## Dimensions

167 mm x 75.5 mm x 17 mm  
170 mm x 80 mm x 24 mm (with bumpers)

## Weight

295 g

## Processor

Qualcomm Snapdragon™ 6490 Processor,  
64bits, Octa-Core up to 2.7 GHz  
AI Engine, 6th generation

## Graphics

Adreno 643 GPU

## RAM and Storage

6 GB / 64 GB

## Operating System

Android 14 (GMS)  
Android Enterprise Recommended

## Display

6.3" Color LCD  
1080x2340 (FHD+) High Resolution Display  
High sunlight visibility- LCD backlight up to 500nits.  
Gorilla Glass with Multi-Touch Capacitive Touch  
Panel, support stylus, glove, wet-finger Compatibility

## Buttons

### Side

Programmable key, Volume up/down key, Left/right scan key, Power key

## Battery

5100mAh Li-ion battery  
Hot-swappable for up to 1 minute

## Ports

USB 3.1 type C, supports fast charging, OTG,  
Display Port.  
Ethernet via dongle or cradle  
Nano SIM Slot x 2  
Micro SD x 1, up to 1TB  
Bottom pogo pins for charging in cradles  
Rear pogo pins for expansions

## Communication

### Cellular (WWAN)

5G: n1/n2/n3/n5/n28/n41/n71/n77/n78/n79  
(4x4 MIMO)  
4G LTE(FDD) – Bands 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28  
(TDD) – Bands 38, 39, 40, 41, 71  
3G UMTS/HSPA+ – Bands 1, 2, 5, 8  
2G GSM/GPRS/EDGE (850/900/1800/1900 MHz)  
\*Supports Dual Sim Dual 5G  
\*Supports 4G LTE Advanced , Up to CAT12 LTE  
downlink/uplink

### Wireless LAN

Wi-Fi 6E+DBS, 2.4GHz & 5GHz & 6GHz  
IEEE 802.11a/b/g/n, ac/ax, e/k/r/v/u PMKID (2x2  
MU-MIMO)  
Security WPA3, WPA2

### PAN

BT 5.2, BLE 5, Class 1.5

### NFC

13.56 MHz  
ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092)

### Audio

Speaker 1.5W. 100 dB at 10cm  
Dual-Microphone support noise cancellation

## Positioning

GPS, Galileo, GLONASS, Beidou, QZSS, SBAS  
Supports L1+L5, a-GPS, XTRA

## Cameras

### Rear

16 megapixel with auto-focus and flash

### Front

5 megapixel

## Sensors

Gyroscope  
G-sensor  
E-compass  
Light & Proximity Sensor

## Data collection

Built-in 2D imager N6703SR/N6803FR (Optional)

## Environment

### Operating

-20°C to 55°C (-4°F to 131°F)  
Charging: 0°C to 45°C (32°F to 113°F)

### Storage

-40°C to 70°C (-40°F to 158°F), without battery

### Drop / Shock

MIL-STD-810H:2019 Method 516.8/Procedure IV,  
1.2m (4ft)

Drop tested from 1.8m/1.5m with bumpers

### Vibration

MIL-STD-810H:2019, Method 514.8, Procedure I  
Tumble tested 300 cycles (0.5m/1.6 ft.)

### Sand / Dust

IP65 & IP68 per IEC 60529

### Water

IP65 & IP68 per IEC 60529

### Humidity

MIL-STD-810H:2019, Method 507.6, Procedure II -  
Aggravated Cycle 95%RH

## Options

For options and accessories, please see  
[www.handheldgroup.com/nautiz-x21](http://www.handheldgroup.com/nautiz-x21)



**handheld**  
[www.handheldgroup.com](http://www.handheldgroup.com)