



Datasheet Nautiz X6

The ultra-rugged Android phablet

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If you could take the high-visibility functionality of a tablet and the go-anywhere performance of a rugged handheld and combine them, you'd end up with one device that could take you through your workday with ease. Fortunately for you, this state-of-the-art solution already exists: it's the Nautiz X6 ultra-rugged Android phablet.

Small profile, big impact

The Nautiz X6 brings the best of a conventional tablet and a traditional rugged handheld in a single device. It has the large screen functionality of a tablet, with the work-anywhere ruggedness of a handheld. Enjoy an expansive 6-inch touchscreen display that's sunlight-readable and protected by super-hardened Gorilla Glass. And this winning combination is still lightweight and super slim, making it a perfect rugged phablet to easily bring anywhere.

Real-world capabilities in the rugged world

The Nautiz X6 ultra-rugged Android phablet is ideal for rough-and-tumble applications like surveying and GIS, with a superior GNSS receiver for precise, continually available position and time information.

In the warehouse, read NFC tags, or use one-button scanning to track virtually anything. The high-res rear/front cameras capture detailed images, and an array of sensors carry the load for a multitude of tasks. The Nautiz X6 fits perfectly in your mobile workforce – whether you are in utilities, food-service, field service, GIS, warehousing, or logistics.

Designed specifically for outdoor work

Field workers need a tool that can handle the job anywhere, and last as long as the shift does. The ultra-rugged Nautiz

X6 has both covered. It meets a wide range of the MIL-STD-810G test standards for operating in extreme temperatures, handling drops, vibrations, humidity and altitude. An IP67 rating means that the Nautiz X6 is fully dust- and waterproof. And it's got serious staying power; the robust user-replaceable battery can work even multiple shifts on a single charge.

Android 11 and Enterprise Recommended

The Nautiz X6 runs on Android 11 which brings important security and battery benefits. Nautiz X6 is also Android Enterprise Recommended (AER) and comes with Nordalp's software suite for smooth deployments over large enterprises. Just like all Nordalp rugged computers, the Nautiz X6 is an amazingly versatile communication tool. Choose from a broad spectrum of communication technologies, including WLAN, cellular (WWAN), BT and NFC. Workers can connect to each other or the back office, sending, accessing and sharing data and reports seamlessly throughout the workday.

Rugged accessories for efficiency

With a long list of options and accessories, you can configure the Nautiz X6 for your specific field work needs. Add a 2D imager or accessories like vehicle docks, pole mounts, stylus pens and more to customize your rugged Android phablet to get the job done easier, faster and more efficiently.

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Dimensions

194 mm x 92 mm x 15 mm
(7.6" x 3.6" x 0.6")

Weight

380 g (13.4 oz)

Processor

Qualcomm® Snapdragon 626
MSM8953 Pro,
8 cores 2.2 GHz

Graphics

Adreno 506

RAM and Storage

4 GB / 64 GB

Operating System

Android 11 (GMS)
Android Enterprise Recommended

Display

6" capacitive multi-touch (10 points)
1080×1920 pixels
Sunlight readable
Glove/rain mode
Corning® Gorilla® Glass

Buttons

Front

F1, F2, F3, power

Side

FN, volume up/down

Battery

3.8V 8000 mAh (30.4 Wh)
Field replaceable

Ports

Type-C, OTG
Qualcomm quick charge 3.0
GNSS antenna connector
Back connector for expandability
1x micro SDXC (256 GB)
2x nano SIM

Communication

Cellular (WWAN)

2G (850,900,1800,1900)
3G (1,2,5,8)
4G/LTE (1,2,3,4,5,7,8,12,13,17,20,25,26,
28,38,39,40,41)

Wireless LAN

2.4 GHz + 5 GHz
802.11a/b/g/n/ac

PAN

BT V4.2 LE

NFC

13.56 MHz
ISO 14443A/B, ISO 15693

Audio

Headphone support via Type-C
Front-facing speaker
x3 microphones for noise suppression

Positioning

GPS/AGPS/GLONASS/Galileo/BeiDou

Cameras

Rear

13 megapixel with autofocus and flash

Front

5 megapixel

Sensors

Gyroscope
Compass
Accelerometer
Pressure
Proximity
Ambient light

Environment

Operating

-20°C to 55°C (-4°F to 131°F)
MIL-STD-810G, Method 501.5/502.5
Procedure II

Storage

-40°C to 70°C (-40°F to 158°F)
MIL-STD-810G, Method 501.5/502.5
Procedure I

Drop / Shock

6 drops from 1.5m, concrete surface
IEC 68-2-32:1990

Vibration

MIL-STD-810H:2019 Method 514.8/
Procedure I

Mechanical shock

MIL-STD-810H:2019 Method 516.8/
Procedure I

Sand / Dust

IP67, IEC 60529

Water

IP67, IEC 60529

Humidity

0 ~ 95% (non-condensing)
MIL-STD-810G, Method 507.5
Procedure II

Altitude

4572 m (15,000 ft.)
MIL-STD-810G, Method 500.5
Procedures I & II

EMC/EMI

MIL-STD-461F, CE101, CE102, CS101,
CS114, CS115, CS116, RE101, RE102,
RS101, RS103

Additional Security

Qualcomm® Processor Security
Qualcomm® Content Protection
Qualcomm® Device Lock Authentica-
tion

Options

For options and accessories, please
see [www.nordalp.com/en/products/
nautiz-x6](http://www.nordalp.com/en/products/nautiz-x6)



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