NAUTIZ X8

LEADING THE WAY

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A front-runner in the new generation of handheld computers, the ergonomic Nautiz X8 delivers the largest, most brilliant capacitive touchscreen in its class, along with an unprecedented combination of processing power, connectivity and field ruggedness.

The Nautiz X8 won't just keep up with you — it'll lead the way. This dynamic handheld features a high-speed Texas Instruments 4470 dual-core 1.5 GHz processor, 1 GB of RAM, 4 GB of iNAND Flash and a 5200 mAh Li-ion battery that lasts up to 12 hours on a single charge. A choice of operating systems — Android 4.2.2 or Windows Embedded Handheld 6.5.3 — allows you to choose the most suitable platform for your needs.

Each detail of the Nautiz X8 is meticulously designed for field use, without sacrificing style or ergonomics. Its 4.7-inch high-brightness screen is the largest you'll find on any comparable computer, and you can operate the state-of-the-art capacitive touchscreen using light touch and multi-finger gestures — the same way you use your personal smart devices. The Nautiz X8's ruggedness is unparalleled. It's IP67-rated and meets stringent MIL-STD-810G U.S. military standards, which means it's impervious to both dust and water and can survive repeated drops, strong vibrations and operating temperatures ranging from -30 °C to 60 °C (-22 °F to 140 °F) — all in a sleek, attractive 490 gram (17.3 ounces) package.

The Nautiz X8 offers an exceptional combination of connectivity options and standard features, including a dedicated u-blox GPS receiver, Bluetooth 2.0 and 802.11 b/g/n WLAN functionality. A built-in 8-megapixel camera with autofocus and an LED flash lets you capture visual data quickly and easily, and connectivity through GSM/UMTS or CDMA phone data transmission keeps you connected wherever you go. Measure acceleration and orientation with the built-in G-sensor/accelerometer and gyroscope, or navigate with the integrated compass and altimeter. This handheld also features an open architecture and an extension cap system that lets you connect additional hardware such as sensors, radios and other add-ons.

The feature-rich Nautiz X8 comes ready for your team with application possibilities in forestry, public safety, field service and GIS/surveying, and it's adaptable to your work environment and performance requirements.

Carry it, wear it in a holster, toss it in your bag or mount it on your vehicle — but whatever you do, keep the rugged, reliable Nautiz X8 close at hand. You'll wonder what you ever did without it.

Size	190.9 mm x 79.7 mm x 34.6 mm (7.5 x 3.1 x 1.3 in)
Weight	490 grams (including battery and hand strap) (17.3 ounces)
Processor	Texas Instruments 4470 dual-core @ 1.5GHz
Memory/Disk	1 GB RAM/4 GB iNAND Flash
Operating System	Windows Embedded Handheld 6.5.3 Android 4.2.2
Screen	4.7" FWVGA (854x480); IPS; 600 nits, capacitive multi-touch Asahi Dragontrail chemically strengthened glass
Keypad	Numeric with 3 programmable function keys
Battery	Li-Ion, 3.7V 5200mAh (19.2 Wh) (Warm-swappable) with smart gauge
Connections	USB A Host USB micro (PC sync and charging) DB9 RS-232 serial 3.5 mm headset (stereo and mic)
I/O slot	SIM (user accessible) MicroSD/MicroSDHC slot
Expansion	Embedded expansion connector for custom hardware integrations in conjunction with expansion cap. USB Host, serial, and 3.3v/5v power connections available via proprietary connector
Communication	
Audio:	Built in: Receiver, loud-speaker; mic
Bluetooth:	Class 2 (10 m), v3.0 in Android OS and v2.0 in Windows Mobile OS
Cellular (WWAN):	Voice and data, 3.8G GSM HSPA+/HSUPA or CDMA EVDO Rev. A
Wireless LAN:	802.11 b/g/n
Navigation	Integrated with stand-alone u-blox® GPS
Camera	8-megapixel rear-facing camera with autofocus and LED illumination
Indicators	LEDs: 1. Charge state, 2. GPS, 3. Notification; Vibration motor
Sensors	3-axis accelerometers 3-axis gyroscope Ambient light sensor Digital compass Altimeter/barometer Proximity Ambient temperature
Environment	
Operating:	- 30 °C to + 60 °C MIL-STD-810G 501.5/502.5 I, II and III
Storage:	- 40 °C to + 70 °C MIL-STD-810G 501.5/502.5 I, II and III
Drop:	4'/1.22 m; MIL-STD-810G 516.6 IV
Vibration:	MIL-STD-810G, Method 514.6, Procedure I and II, Category 5
Sand & Dust:	IP67, IEC 60529
Water:	IP67, IEC 60529
Humidity:	90% relative at -30 °C to +60 °C; MIL-STD-810G 507.5 II
Altitude:	15,000'/4,500+ m; MIL-STD-810G 500.5 I, II and III
Solar Exposure	Survives prolonged UVB exposure, MIL-STD-810G, Method 505.5, Procedure II
Temperature Shock	Cycles between -22 °F and 140 °F (-30 °C and +60 °C), MIL-STD-810G, Method 503.5, Procedure I-C
Options	
SKUs:	Verizon CDMA, GSM
Included in box:	International power adapter, Capacitive stylus, Battery, Hand strap, 3.5 mm headset, USB cable, Quick-start guide
Optional:	Tall expansion cap, Screen protector