

FACTSHEET



KEY FEATURES

Rugged and waterproof

Long-life battery

806 MHz processor

Built-in 1 Hz GPS

Integrated Bluetooth, 802.11g wireless capability

Full VGA display

Built-in 9-pin serial port

Windows Mobile 6

Small and lightweight



EVERYTHING YOU WANTED IN AN OUTDOOR RUGGED HANDHELD COMPUTER—BUILT IN.

The Trimble® Nomad™ packs even more functionality into one of the most powerful and full-featured rugged handheld computers available. Start with an 806 MHz processor, 1 GB of Flash storage, a long-life battery and integrated wireless capabilities like GPS, 802.11g, and Bluetooth. The Nomad handheld also features a high-resolution, sunlight-visible VGA display that shows graphics and maps in crisp detail. And it's fully rugged which means the Nomad handheld computer offers a lower Total Cost of Ownership (TCO) than consumer-grade handhelds.

Built-in versatility

The Nomad computer makes it easy to collect, save and transmit data in the field because it's available with so many built-in capabilities. Calculate field acreage, record soil sample locations, or perform variable rate application with the integrated GPS receiver. Another handy built-in feature is the 802.11g for wireless data transmission via a wireless network and Farm Works' Sync software. If more storage is needed, Secure Digital (SD) and CompactFlash (CF) slots are available on each unit provided by Farm Works.

Tough as the outdoors

Like other Trimble rugged handhelds, the Nomad computer meets rigorous MIL-STD-810F military standards for drops, vibration, humidity, altitude and extreme temperatures. It also comes with an IP67 rating. That means the Nomad handheld is completely sealed against dust, and it can survive immersion in up to a meter of water for 30 minutes. Trimble rugged handhelds have proven their reliability in the field with thousands of real-world users.

Fast, powerful and easy to use

Every Nomad handheld comes with an 806 MHz Marvell PXA320 XScale processor, 128 MB RAM and a hot-swappable Lithium Ion (Li-Ion) battery that can work all day long without a recharge. The Nomad computer also includes the latest Windows Mobile® 6 software, so it runs all the applications you use most, including a wide range of third-party software for industry-specific applications.





Trimble

NOMAD

STANDARD FEATURES

- Windows Mobile 6
- Marvell 806 MHz XScale processor
- 128 MB DDR SDRAM
- 1 GB non-volatile Flash storage
- Full VGA display, sunlight-readable color TFT
- Touchscreen
- Rugged submersible design
- Integrated speaker and microphone
- Integrated Bluetooth 2.0
- Notification LEDs
- USB host and client
- Audio jack
- 15-hour battery life with active use (default settings)
- Keypad backlighting for night use
- 12-month limited warranty

ADDED FEATURES FROM FARM WORKS

- Integrated GPS (SIRFStar III, WAAS Capable)
- Integrated 802.11b/g wireless capability
- CompactFlash (CF) (Type II) slot
- Secure Digital (SDIO) slot
- 9-pin RS-232 serial connector
- PDA or numeric style keyboard

STANDARD ACCESSORIES FROM FARM WORKS

- Rechargeable Li-ion battery module
- Rugged stylus with spring-loaded tip
- AC charger
- USB data cable
- Hand strap
- Getting Started CD with ActiveSync
- 12 V vehicle charger
- Vehicle mount

PHYSICAL

Size 6.92 in x 3.92 in x 1.96 in (17.6 cm x 10 cm x 5.0 cm)
 Weight 21 ounces (596 g) including rechargeable battery

ENVIRONMENT

Operating Temperature -22 °F to 140 °F (-30 °C to 60 °C)
 MIL-STD 810F, Method 501.4, Proced II
 (High Temp Operating, +65 °C)
 MIL-STD 810F, Method 502.4, Proced I, II, III
 (Low Temp Op/Manipulation, -35 °C)
 Storage Temperature -40 °F to 158 °F (-40 °C to 70 °C)
 MIL-STD 810F, Method 501.4, Proced I
 (High Temp Storage, +70 °C)
 MIL-STD 810F, Method 502.4, Proced I, II, III
 (Low Temp Storage, -40 °C)
 Humidity MIL-STD-810F, Method 507.4
 (Humidity, 90% RH temp cycle -20 °C/+60°C)
 Water IP67, MIL-STD-810F, Method 512.4, Proced 1
 Water Jet, 12.5 mm dia. @ 2.5-3 m, 100 Liter/min.
 Drop .. MIL-STD-810F, Method 516.5, Proced IV 26 drops from 4ft
 onto concrete , 6 add'l drops at -22 °F (-30 °C)
 6 add'l drops at 140 °F (60 °C)
 Sand & Dust IP67, MIL-STD-810F, Method 510.3, Proced I, II
 Vibration MIL-STD-810F, Method 514.5, Proced I (Vibration,
 General Minimum Integrity, figure 17) MIL-STD
 810F, Method 514.5, Proced II (Vibration, Loose
 Cargo, figure 5)
 Altitude MIL-STD-810F, Method 500.4, Proced I, II, III
 15,000 ft at 73°F (23°C)

ELECTRICAL

Processor Marvell PXA320 XScale 806 MHz
 Memory 128 MB DDR SDRAM—30 MB reserved
 Storage Onboard non-volatile NAND Flash 1 GB—50 MB
 reserved
 Display 480 x 640 pixel (VGA) 16 bit color TFT with LED
 backlight
 Batteries 5200 mAh Li-ion rechargeable pack*
 I/O USB Host and client, power, audio jack
 Radios Bluetooth 2.0 + EDR;
 WLAN: 802.11b/g WPA2;
 WWAN: Quad-band GSM GPRS/EDGE

** To ensure best performance when temperatures are below -4°F (-20°C), be sure battery is inserted in the device only when in use. When device is not in use at these temperatures, keep batteries in a pocket or stored in a warmer area.*



Farm Works Software

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