

KEY FEATURES

Rugged and waterproof

Long life battery

806 MHz processor

Integrated Bluetooth, 802.11g wireless capability

Built-in GPS, bar code scanner and camera options

Full VGA display

Windows Mobile 6

Small and lightweight



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

The new Trimble® Nomad™ packs even more functionality into the most powerful and full-featured rugged handheld computer 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 Bluetooth¹. Then select an optional integrated laser bar code scanner and color digital camera². The Nomad also features a high-resolution, sunlight-visible VGA display that shows graphics and maps in crisp detail. And it's fully rugged and just as tough as our other handhelds which means the Nomad offers a lower Total Cost of Ownership (TCO) than consumer-grade handhelds³.

Built-in versatility

The Nomad makes it easy to collect, save and transmit data in the field because it's available with so many built-in capabilities. Compute your location with the integrated GPS receiver for navigation applications. Quickly track your assets with the integrated 1D laser bar code scanner. Or capture color images with the 2 megapixel digital camera for inspection, maintenance and repair applications. Plus, you can use the Nomad's CompactFlash (CF) and Secure Digital (SDIO) slots⁴ to add even more devices.

Tough as all outdoors

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

Fast, bright and easy to use

Every Nomad 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 without a recharge. The Nomad 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.

Want to do more outside? Get the handheld that has more inside. Get your hands on a Nomad.

1 Nomad 800B models have Bluetooth only.

2 Available Q3 2007.

3 E-mail us at handhelds@trimble.com for a copy of the TCO White Paper.

4 800LE and 800LC models have SDIO only.

Trimble Nomad handheld computer

STANDARD FEATURES

- Windows Mobile 6 (Classic edition)
- Marvell 806 MHz XScale processor
- 128 MB DDR SDRAM
- 512 MB to 1 GB nonvolatile Flash storage
- Full VGA display, sunlight-readable color TFT
- Touchscreen
- Rugged submersible design
- Integrated speaker and microphone
- Integrated Bluetooth 2.0
- CompactFlash (CF) (Type II) slot
- Secure Digital (SDIO) slot
- 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

CONFIGURATION OPTIONS

- Integrated 802.11b/g wireless capability
- Integrated GPS (SiRFStar III, WAAS Capable)
- 9-pin RS-232 serial connector
- PDA or numeric style keypad
- Integrated laser 1D bar code scanner
- Integrated digital camera (color, 2 megapixel resolution)

STANDARD SOFTWARE

- Microsoft® Office Mobile
 - Word Mobile
 - Excel Mobile
 - PowerPoint Mobile
 - Outlook Mobile
- Internet Explorer Mobile
- Tasks
- Notes
- Calculator
- Windows Media Player
- Microsoft Pictures and Videos
- Online help
- Contacts/Calendar

STANDARD ACCESSORIES

- Rechargeable Li-Ion battery module
- Rugged stylus with spring-loaded tip
- Stylus lanyard
- AC charger
- USB data cable
- User guide
- Hand strap
- Screen protectors
- Getting Started CD with ActiveSync

OPTIONAL ACCESSORIES

- Carry case
- Deluxe case with belt clip & neck strap
- 9-pin serial boot or USB boot
- Serial interface cable
- AA battery module
- Spare battery charger
- Extended CF-Cap
- Tripod bracket
- Range pole bracket
- 12V vehicle charging cable
- Vehicle mount

PHYSICAL

Size 6.92" (17.6 cm.) x 3.92" (10.0 cm) x 1.96" (5.0 cm)
 Weight 21 ounces (596 g) including rechargeable battery

ENVIRONMENT

Operating Temperature. -22 to 140 °F (-30 to 60 C)
 MIL-STD 810F, Method 501.4, Procedure II
 (High Temp Operating, +65C)
 MIL-STD 810F, Method 502.4, Procedure I, II, III
 (Low Temp Op/Manipulation -35C)
 Storage Temperature. -40 to 158 °F (-40 to 70 C)
 MIL-STD 810F, Method 501.4, Procedure I
 (High Temp Storage, +70C)
 MIL-STD 810F, Method 502.4, Procedure I, II, III
 (Low Temp Storage -40C)
 Temperature shock. MIL-STD-810F, Method 503.4, Procedure I (-35C/+65C)
 Humidity. MIL-STD-810F, Method 507.4 (Humidity, 90%RH temp cycle -20/+60
 Water IP67, MIL-STD-810F, Method 512.4, Procedure I,
 Water Jet 12.5mm dia. @ 2.5 – 3m, 100 Liter/min.
 Drop MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 4 ft (1.22 m)
 onto plywood over concrete, 6 additional drops at -22 °F (-30 C),
 6 additional drops at 140 °F (60 C)
 Sand & dust IP67, MIL-STD-810F, Method 510.3, Procedures I&II, IEC-529 IP-X6
 Vibration. MIL-STD 810F, Method 514.5, Procedure I (Vibration, General
 Minimum Integrity, figure 17) MIL-STD 810F, Method 514.5,
 Procedure II (Vibration, Loose Cargo, figure 5)
 Altitude. MIL-STD-810F, Method 500.4, Procedures 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 nonvolatile NAND Flash 512 MB TO 1 GB ~ 50 MB reserved
 Expansion 1x Type II CF slot, 1x SDIO slot
 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,
 Profiles: Serial Port Profile, Dial-up Networking (DUN) -Terminal
 role only, Advanced Audio Distribution Profile (A2DP) - Source
 role only, Human Interface Device (HID), Object Push Profile
 (OPP), Personal Area Networking (PAN) - Network Access Point
 role only, ActiveSync Over Bluetooth
 WLAN: 802.11b/g WPA2

CERTIFICATIONS: FCC, CE/R & TTE, IC (Canada), C-Tick, RoHS Compliant

NOMAD CONFIGURATIONS							
	Flash	GPS	BT	802.11g	Laser scanner	Camera	Keypad
800LE	1 GB	x	x	x	x	x	Numeric
800LC	1 GB	x	x	x		x	PDA/Num
800L	1 GB	x	x	x			PDA/Num
800B	512MB		x				PDA/Num

Specifications subject to change without notice.

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