The Trimble® Nomad® 900 series packs even more functionality into one of the most powerful and full-featured rugged handheld computers available. Standard features include an 806 MHz processor, a long-life lithium-ion battery, 512 MB to 2 GB of Flash storage and integrated wireless capabilities like GPS, Wi-Fi and Bluetooth®1. The high-resolution, sunlight-visible VGA display shows images, maps and data in crisp detail. Optional features include an integrated cellular WWAN, laser bar code scanner and a 5 MP color digital camera.

The Nomad computer also includes the latest Windows Mobile® 6.1 software, so it runs all the applications you use most, including a wide range of third-party software for industry specific applications.

**Built-in versatility**
The Nomad computer’s many built-in capabilities make it easy to collect, save and transmit data in the field. The integrated SiRFstarIII GPS receiver with SiRFInstantFixII technology enables position acquisition in less time and in challenging environments such as in canyons, under heavy canopy and even inside buildings2. Now navigation is faster, more accurate, more reliable and more consistently available.

Quickly track your assets with the integrated 1D laser bar code scanner and upload changes from the field. The 5 megapixel camera and geotag-enabled software can capture high-resolution, full color images for inspection, maintenance and repair applications. With geotagging enabled, your photos will have precise locations stored in EXIF and/or overlaid on the image.

Choose your model and when it arrives select from ten operating system languages at initial start-up. All models come with a Secure Digital (SD/SDHC) slot. Depending on the model, even more capabilities can be added via a CompactFlash (CF Type II) slot.

**Tough as the outdoors**
Like other Trimble rugged handhelds, the Nomad computer meets rigorous MIL-STD-810F military standards for impact, vibration, humidity, altitude and extreme temperatures. It also comes with an IP68 rating. That means the Nomad handheld is completely sealed against dust, and it can survive immersion in up to a meter of water for 240 minutes. Trimble rugged handhelds have proven their reliability and lower Total Cost of Ownership (TCO) over consumer grade handhelds3 in the field with thousands of real world users.

**Ideal mobile application platform**
The Marvell 806 MHz processor, when combined with Trimble’s optimized graphics processing, advanced caching, and proprietary high-speed journaling file system, makes the next generation Trimble Nomad series one of the fastest Windows Mobile handheld computers on the market today. Tuned to maximize the integrated GPS receiver’s performance, the next generation Nomad also has an improved antenna design which significantly improves Time-to-First-Fix (TTFF) and fix under thick canopy.

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

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1 Nomad 900B models have Bluetooth only.
2 Tracking ability and position accuracy will vary depending on building construction.
3 E-mail us at handhelds@trimble.com for a copy of the TCO White Paper.
Trimble Navigation Limited
P.O. Box 497
Conval, OR 97339
541-750-9200 Phone
handhelds@trimble.com

Trimble Nomad rugged handheld computer

STANDARD FEATURES
• Windows Mobile 6.1 (Professional in WWAN models; Classic in all other models)
• Marvell 806 MHz XScale processor
• 128 MB DDR SDRAM
• 512 MB to 2 GB non-volatile Flash storage OS/user shared space (4 GB SD card included with camera models)
• Languages: Choose English, Chinese (simplified), French, German, Italian, Japanese, Korean, Russian, Portuguese or Spanish
• Full VGA display, sunlight-readable color TFT
• Touchscreen
• Rugged submersible design
• Integrated speaker and microphone
• Integrated Bluetooth 2.0
• Secure Digital (SD/SDHC) slot
• Numeric keypad
• Notification LEDs
• USB host and client
• Headset jack (2.5 mm mono audio and microphone)
• 15-hour battery life (in active use with default settings)
• Keypad backlight for night use
• 12-month limited warranty

CONFIGURATION OPTIONS (See Nomad Configurations table below for details)
• IntegratedQuad-band GSM GPRS/EDGE capability
• Integrated GPS (SiRFstarIII, WAAS / SBAS capable, SiRFInstantFixII)
• Integrated Wi-Fi wireless capability
• CompactFlash (CF) (Type II) slot
• Integrated laser 1D bar code scanner
• Integrated digital camera (color, 5 megapixel resolution, with flash)
• Serial boot with 9-pin RS-232 port

STANDARD SOFTWARE
• Microsoft Office Mobile
• Word Mobile
• Excel Mobile
• PowerPoint Mobile
• Outlook Mobile
• Pocket OneNote
• Internet Explorer Mobile

STANDARD ACCESSORIES
• Rechargeable Li-ion battery module
• Rugged stylus with spring-loaded tip
• Stylus lanyard
• AC charger and international adapters
• USB data cable
• Standard Cap

OPTIONAL ACCESSORIES
• Carry case
• Deluxe case with belt clip & neck strap
• Serial boot with 9-pin RS-232 port
• Serial interface cable
• AA battery module
• Spare battery charger
• Extended Cap
• Range pole bracket
• 12 V vehicle charger
• Vehicle mount
• Trigger pistol grip

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

HOUSING
• Polycarbonate
• Yellow w/Black, Grey w/Black or Green w/Black

CERTIFICATIONS
• FCC, C/ET & TTE, IC (Canada), C-Tick, RoHS Compliant, PTCRB, GCF Compliant, AT&T network compatible, Section 508 compliant, CCX v4 ASD, MIL-STD-461E RE102, MIL-STD-461E R5103

ENVIROLON SPECIFICATIONS
Meets or exceeds:
Water .................. Immersed in 3.3 ft (1 m) of water for 240 minutes
Sand & dust ................. Totally protected against dust
Drop .................. 26 drops at room temperature 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)

Vibration ................. General Minimum Integrity and Loose Cargo tests

Operating Temperature .................. –22 °F to 140 °F (-30 °C to 60 °C)

Storage Temperature .................. –40 °F to 158 °F (-40 °C to 70 °C)

Humidity .................. 90%RH temp cycle 32 °F/158 °F (0 °C/+70 °C)

Temperature shock .................. –22 °F/149 °F (-30 °C/+65 °C)

Altitude .................. 15,000 ft (4,572 m) at 73 °F (23 °C)
to 40,000 ft (12,192 m) at –22 °F (-30 °C)

GPS accuracy .................. 2–4 m SBAS corrected

MIL-STD-461E/RE102, MIL-STD-461E/RS103

ENVIRONMENTAL SPECIFICATIONS

GCF Compliant, AT&T network compatible, Section 508 compliant, CCX v4 ASD,

OTHER/UNION MODELS

4  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.

5  2–4 m (50%–95%) accuracy determined using Horizontal Root Mean Squared method – Open Sky.

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NOMAD CONFIGURATIONS

<table>
<thead>
<tr>
<th>Flash</th>
<th>Card slots</th>
<th>BT</th>
<th>GPS</th>
<th>Wi-Fi</th>
<th>WWAN</th>
<th>Camera</th>
<th>Bar code scanner</th>
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<tbody>
<tr>
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</tr>
<tr>
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</tbody>
</table>

Color display images shown may vary slightly from actual display. Specifications subject to change without notice.
Trimble Nomad has tested compatible with Cisco wireless access points with CCX features.