

# Trimble Nomad 900 Rugged Handheld

## PRODUCT SPECIFICATIONS

### OPERATING SYSTEM

- Windows Mobile 6.1  
(Professional in WWAN models; Classic in all other )

### PROCESSOR

- Marvell 806 MHz XScale processor

### STORAGE & MEMORY

- 128 MB DDR SDRAM ~30 MB reserved
- 512 MB to 2 GB non-volatile Flash storage OS/user shared space ~50 MB reserved
- (4 GB SD card included with camera models)

### DISPLAY

- Full VGA display, sunlight-readable color TFT with touchscreen
- 480 x 640 pixel (VGA) 16-bit color TFT with LED backlight
- Keypad backlight for night use

### WIRELESS

- Bluetooth 2.0
- GPS accuracy: 2-4 m SBAS corrected

### POWER SUPPLY

- AC charger
- 5200mAh Lithium-Ion rechargeable pack\* - 15-hour battery life with active use (default settings)

### STANDARD SOFTWARE

- Microsoft Office Mobile
- Internet Explorer Mobile
- Notes/Tasks
- Calculator
- Windows Media Player
- Microsoft Pictures and Videos
- Online help
- Contacts/Calendar
- Adobe Reader LE

### INTERFACE & EXPANSION

- USB host and client
- Secure Digital (SD/SDHC) slot
- Integrated speaker and microphone
- Headset jack (2.5 mm mono audio and microphone)

### CONFIGURATION OPTIONS

- Integrated Quad-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

## ENVIRONMENTAL

- Polycarbonate Housing
- Water: Immersed in 3.3 ft (1 m) of water for 240 minutes MIL-STD-810F, Method 512.4, Procedure I, IEC-529, IP68
- Sand & dust: Totally protected against dust; MIL-STD-810F, Method 510.3, Procedure I, II, IEC-529, IP68
- 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); MIL-STD-810F, Method 516.5, Procedure IV
- Vibration: General Minimum Integrity and Loose Cargo tests; MIL-STD-810F, Method 514.5, Procedure I, II
- Operating Temperature: -22 °F to 140 °F (-30 °C to 60 °C) MIL-STD-810F, Method 501.4, Procedure II; MIL-STD-810F, Method 502.4, Procedure I, II, III
- Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C) MIL-STD-810F, Method 501.4, Procedure I; MIL-STD-810F, Method 502.4, Procedure I, II, III
- Temperature shock: -22 °F/149 °F (-30 °C/ 65 °C) MIL-STD-810F, Method 503.4, Procedure I
- Humidity: 90%RH temp cycle 32 °F/158 °F (0 °C/+70 °C) MIL-STD-810F, Method 507.4
- Altitude: 15,000 ft (4,572 m) at 73 °F (23 °C) to 40,000 ft (12,192 m) at -22 °F (-30 °C); MIL-STD-810F, Method 500.5, Procedure I, II, III

## LANGUAGES

- Choose: English, Spanish, French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Russian, or Chinese (Simplified)

## RADIOS

- Bluetooth 2.0 + EDR
- WLAN: Wi-Fi (CCX v4 ASD) (802.11b/g)
- WWAN: Quad-band GSM GPRS/EDGE

## DIMENSIONS/WEIGHT

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

## COLOR OPTIONS

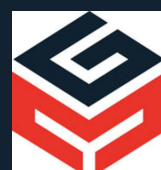
- Yellow w/Black
- Grey w/Black
- Green w/Black

## CERTIFICATIONS

- FCC
- CE/R & TTE
- IC (Canada)
- C-Tick
- RoHS Compliant
- PTCRB
- GCF Compliant
- AT&T network compatible
- Section 508 compliant
- CCX v4 ASD
- MIL-STD-461ERE102
- MIL-STD-461E RS103

## WARRANTY

- 12-month limited warranty



**Group Mobile**  
5590 W. Chandler Blvd. Suite 3  
Chandler, AZ 85226  
Toll Free: 1-866-RUGGED8  
[www.GroupMobile.com](http://www.GroupMobile.com)