

Trimble Nomad

The TRIMBLE NOMAD is a MS Windows Mobile 6 waterproof and ruggedized handheld for use in such fields as forestry and surveying.

This is an excellent data collection handheld built from the ground up, using knowledge gained from the TRIMBLE Recon series handhelds. It has the ability to accept data either via touch screen or by either a numeric or PDA style keypad.



NOMAD Standard Features:

- waterproof
- rugged
- cold temperature operation
- battery runs minimum of 15 hours on a charge
- choice of number pad or Windows navigation keyboard
- finger or stylus touch screen
- backlight, sunlight readable color VGA display
- built-in USB and Bluetooth
- microphone and speaker to record
- voice notes and playback
- CF (type II) and Secure Digital (SDIO) port for add-ons and memory
- speaker and microphone

Integrated (built-in) Options

- 802.11 b/g wireless
- Quad-band GSM GPRS/EDGE – cellular modem
- GPS (SiRFStar III, WAAS Capable)
- 9-pin RS-232 serial
- PDA or numeric keypad
- Laser 1D bar code scanner
- 2 Megapixel, color digital camera

SOFTWARE – Run hundreds of Windows Mobile 2006 Applications.

Mobile 2006 comes with a suite of Windows Mobile software applications

D.R. systems has experience in developing forestry data collection applications for: silviculture surveys, timber cruising, vegetation & resources inventory, ecology sample plots, log scaling, 3P sampling, bucking for value, nurseries, surveying, including road engineering traverse and deflection lines. If you have an application you would like developed please contact D.R. systems and we will be more than happy to look at your specifications and create a program for you.



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Trimble Nomad Specifications

DESIGN	
Size:	6.92" (17.6 cm) x 3.92" (10.0 cm) x 1.96" (5.0 cm)
Weight:	21 ounces (596 grams) including battery
Case:	Rugged polycarbonate shell
Screen:	480 x 640 pixel (VGA) 16 bit color TFT with LED backlight (portrait orientation)
Pen and touch screen	Passive touch screen allows use of stylus or finger
Keyboard	Choice of numeric or PDA keypad
PERFORMANCE	
Operating System:	Microsoft Windows Mobile 6.0
Processor:	Marvell PXA 320, 806 MHz Xscale processor
Memory:	128 MB DDR SDRAM (30 MB reserved) and choice of 512MB, 1GB non-volatile Flash storage (50 MB reserved)
Expansion	1 Type II Compact Flash slot 1 Secure Digital (SDIO) slot
Batteries	5200 mAh Lithium Ion rechargeable pack (15 hours use on a charge) Battery charge status LED indicator and Notification LED
DATA SECURITY	
Operating Temperature:	-22 to 140°F (-30 to 60 C) Temp Shock rating: MIL-STD 810F, Method 503.4, Procedure I, (-35C/+65C)
Sealing:	Water: IP67, MIL-STD 810F, Method 512.4, Procedure I, Water Jet 12.5mm dia. @ 2.5-3m, 100 Litre/min. Humidity: IP67, MIL-STD 810F, Method 507.4, Procedure I (humidity 90%RH,temp cycle -20C/+60C) Sand and Dust: IP67, MIL-STD 810F, Method 5103, Procedures I&II, IEC-529 IP-X6 Altitude: MIL-STD 810F, Method 500.4, Procedures I, II & III, 15,000 ft at 73°F (23C)
Shock:	DROP: MIL-STD-810F, Method 516.5, Procedure IV 48"(1.22m) onto plywood over concrete, 26 drops at room temperature, 6 additional drops at -22°F(-30C), 6 additional drops at 140°F (60C) Vibration: MIT-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)
COMMUNICATIONS	
Communication Ports:	USB host and client, standard or <i>optional</i> 9-pin serial port - RS232
Bluetooth	integrated, standard
Audio	integrated microphone and speaker, standard
bar code scanner	integrated Laser 1D, integrated <i>option</i>
digital camera	integrated color, 2 megapixel resolution, <i>option</i>
GPS	integrated SIRFStar III, WAAS capable, <i>option</i>
Ethernet	integrated 802.11b/g wireless <i>option</i>
Cellular Modem	Integrated WWAN capability
STANDARD Accessories	Battery pack, AC charger, USB interface cable, stylus with spring loaded tip, lanyard, clear vinyl screen protectors, user guide, Standard CF cap, hand strap. Getting started CE with ActiveSync
OPTIONS	carry case, nylon deluxe case with belt clip and neck strap, extended CF cap, 9 pin serial or USB boot module, serial interface cable, spare battery charger, AA battery module, tripod bracket, range pole bracket, 12V vehicle charging cable, vehicle mount
Standard Software	Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile, Internet Explorer Mobile, Contacts, Tasks, Notes, Calendar, Calculator, Windows Media Player, MS Picture and Videos
Certifications	FCC, CE/R & TTE, IC (Canada), C-Tick, RoHS Compliant



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