



Nomad

- Backlit Numeric keypad
- Meets MIL-STD-810F standards
- IP67 rating
- Featuring Spectra Precision Field Surveyor software
- Full VGA display
- 806 MHz processor
- Integrated GPS
- Integrated Bluetooth, 802.11
- 15-hour rechargeable battery
- Windows Mobile 6

The Spectra Precision Nomad®, packed with functionality, is the most powerful and full-featured rugged data collector available. Start with an 806 MHz processor, a long-life 5200 mAh lithium-ion battery and integrated wireless capabilities like GPS, 802.11g, and Bluetooth. Then, the Spectra Precision Nomad adds 128 MB RAM and 1 full GB non-volatile Flash storage to manage all the data you can collect.

The Nomad features a high-resolution, sunlight-visible full VGA display that shows graphics and maps in crisp detail plus a backlit numeric keypad.

STANDARD FEATURES

- Windows Mobile 6 (Classic edition)
- Numeric keypad with backlight
- Marvell 806 MHz XScale processor
- 128 MB DDR SDRAM
- 1 GB nonvolatile Flash storage
- Full VGA display, sunlight-readable color TFT
- Touchscreen
- Rugged submersible design
- Integrated speaker and microphone
- Integrated Bluetooth 2.0
- Secure Digital (SDIO) slot
- Notification LEDs
- 15-hour battery life with active use (default settings)

PHYSICAL

Size
17.6 cm x 10.0 cm x 5.0 cm
(6.92 in x 3.92 in x 1.96 in)

Weight
596 g (21 ounces) including battery

ELECTRICAL

Processor
Marvell PXA320 XScale 806 MHz

Display
480 x 640 pixel (VGA) 16 bit color TFT
LED backlight

Batteries
5200 mAh Li-Ion rechargeable pack

I/O

9-pin serial port—RS232 (115 kbps)
USB Host and client, power

STANDARD SOFTWARE

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

STANDARD ACCESSORIES

Li-Ion battery module
Stylus
AC charger
USB data cable
Stylus Lanyard
Hand strap
Screen protectors

MODEL OVERVIEW		800LD
PROCESSOR/SPEED		
Marvell PXA320 XScale		806 MHz
MEMORY		
DDR SDRAM		128 MB
Data storage (On-board Flash)		1 GB
FEATURES		
Integrated GPS, navigational grade		Standard
Integrated Bluetooth		Standard
Integrated 802.11g		Standard
Integrated USB host		Standard

ENVIRONMENT

Operating Temperature
−30 °C to 60 °C (−22 °F to 140 °F)

Storage Temperature
−40 °C to 70 °C (−40 °F to 158 °F)

Humidity
MIL-STD-810F, Method 507.4

Water
IP67, sealed against accidental immersion (1 m for 30 min)
MIL-STD-810F, Method 512.4, Procedure I, Water

Drop
MIL-STD-810F, Method 516.5, Procedure IV

26 drops from 1.22 m (4 ft) onto plywood over concrete
6 additional drops at −30 °C (−22 °F)
6 additional drops at 60 °C (140 °F)

Sand and dust
IP67, MIL-STD-810F, Method 510.3
Procedures I&II

Vibration
MIL-STD 810F, Method 514.5, Procedure I

Altitude
15,000 ft at 23 C (73 °F)
MIL-STD-810F, Method 500.4, Procedures I, II & III