

MORE POWER, MORE CAPABILITY, TDS NOMAD PLUS PROVEN TOUGHNESS.



RUGGED AND WATERPROOF



LONG-LIFE BATTERY



WINDOWS MOBILE 6



SUNLIGHT READABLE VGA DISPLAY

Everything you wanted in an outdoor rugged handheld computer—built in.

The new TDS 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 all TDS 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. TDS 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 Except Nomad 800B models. 2 Available Q3 2007. 3 E-mail us at handhelds@tdsway.com for a copy of the TCO White Paper. 4 800LE and 800LC models have SDIO only.

RUGGED NOTEBOOKS

Rugged Notebooks, Inc.
1574 N. Batavia Street Suite #2
Orange, CA 92867
Tel: (714) 998-1828 Fax: (714) 998-1860
Toll Free: (866) 278-4433 (866 2-RUGGED)

www.RuggedNotebooks.com Sales@RuggedNotebooks.com

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
Contacts/Calendar
Tasks
Notes
Calculator
Windows Media Player
Microsoft Pictures and Videos
Online help

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 and 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 and 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

Specifications subject to change without notice.

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 or Numeric
800L	1 GB	x	x	x			PDA or Numeric
800B	512 MB		x				PDA or Numeric

