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 Bluetooth[1]. Then select an optional integrated laser bar code scanner and color digital camera[2]. 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 handhelds[3].

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) slots[4] 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.

See all the Nomad features at
tdsway.com/Nomad
or call 541-752-9000

TDS
TRIPOD DATA SYSTEMS

NOMAD SPECIFICATIONS

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 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	Card slots	Laser scanner	Camera	Keypad
800LE	1 GB	x	x	x	SD	x	x	Numeric
800LC	1 GB	x	x	x	SD		x	PDA or Numeric
800L	1 GB	x	x	x	SD/CF			PDA or Numeric
800B	512 MB		x		SD/CF			PDA or Numeric

YOUR LOCAL TDS DEALER

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TDS
TRIPOD DATA SYSTEMS

NZ022490-029B