NOMAD

Simply the best

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The TDS Nomad has everything wanted in an outdoor rugged handheld. In addition to integrated Bluetooth, GPS and WLAN, the Nomad is available with built-in digital camera and bar code scanner. Featuring superior processing speed and plenty of SDRAM and Flash Memory it is perfect for all mobile applications including detailed graphics, navigation or heavy calculation software.

As a true outdoor rugged handheld, the Nomad meets the rigorous MIL-STD-810F military standard for drops, vibration, humidity, altitude and extreme temperatures. Nomad is IP67 rated, which means that it is completely sealed against dust and water.

Nomad comes with a powerful 806 MHz Marvell PXA320 XScale processor, 128 MB DDR SDRAM, a choice of 512 MB or 1 GB of Flash memory. It has a hot-swappable Lithium Ion battery that can work all day without a recharge. A full VGA display and touchscreen offers sharp, high-resolution graphics even in bright sunlight, making it ideal for any graphic intense application. The numeric keypad has backlight for night use or dark environments. 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.

The Nomad makes it easy to collect, save and transmit data in the field because it is available with so many built in capabilities and options. An integrated GPS receiver gives you the right location data for navigation applications. With the built-in laser scanner you can instantly collect data from 1D bar codes and an integrated 2-megapixel digital camera captures color images for inspections, maintenance, and repair applications. Plus, you can use the Nomad's CompactFlash (CF) and Secure Digital (SDIO) slots to add even more devices.

www.ruggednomad.com

Size	176mm x 100mm x 50mm
Weight	596 g
Environment	
Operating:	-30°C to +60°C
Storage:	-40°C to +70°C
Drop:	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m 6 additional drops at -30°C, 6 additional drops at 60°C
Sand & Dust:	IP67, MIL-STD-810F, Method 510.3, Procedures I&II
Water:	IP67, Sealed against accidental immersion (1m for 30min) MIL-STD-810F, Method 512.4, Procedure I
Humidity:	MIL-STD-810F, Method 507.4
Altitude:	15.000 ft (4572m) at +23°C, MIL-STD-810F, Method 500.4, Procedures I, II and III
Vibration:	MIL-STD-810F, Method 514.5 Procedures I&II
Processor/memory	Processor: Marvell PXA320 Xscale 806 MHz Memory: 128 MB DDR SDRAM - 30 MB reserved
Disk	Onboard nonvolatile NAND Flash 512 MB to 1 GB
Operating System	Windows Mobile 6
Screen	480x640 pixel (VGA) 16 bit sunlight-readable color TFT with LED backlight
Keyboard	Numeric keypad, backlighting for night use, onscreen qwerty softkeyboard
Battery	5200 mAh Li-Ion rechargeable pack, All day operating with default settings
Connections	USB Host and client, power, audio jack, 1 x Type II CF-slot*, 1 x SDIO slot ** except Nomad 800LE*
Communication	PAN: Bluetooth 2.0 + EDR WLAN*: integrated 802.11b/g WPA2, Integrated GPS* Integrated speaker & microphone ** except Nomad 800B*
Options	• Integrated laser 1D bar code scanner • Integrated 2 mega pixel camera • GPRS • 9-pin serial boot with RS-232 connector • Desktop Cradle • Vehicle mount • 12V Vehicle charger • AA battery module • Spare battery charger • RFID Kit 13.56MHz • RFID Kit 125KHz • Smartcard reader • Range Pole Bracket • Tripod bracket • Serial interface cable • Extended CF-Cap • Carrying Cases • Belt Carrier

DISTRIBUTORE PER L'ITALIA:

delfo italiana s.r.l.
via varese, 9
20053 muggiò (mi)

tel. 039 2144416 - fax 039 793333
e-mail: info_delfo@delfo.it
www.delfo.it

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