

# NOMAD

Ultra-rugged and powerful



**handheld**

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## Ultra-rugged and powerful

The TDS Nomad packs tremendous functionality a powerful and full-featured rugged handheld. In addition to integrated Bluetooth, GPS and WLAN, the Nomad is available with built-in GPRS/EDGE, digital camera and barcode scanner. Featuring superior processing speed and plenty of SDRAM and Flash memory it is perfect for mobile applications in tough outdoor environments.

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, and up to 2 GB of Flash storage. It has a rechargeable hot-swappable Lithium-ion battery that can work all day without a recharge. A full VGA display and touchscreen offer sharp, high-resolution graphics even in bright sunlight, making it ideal for any graphic intense application. The numeric keypad is backlit 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 location data for navigation applications. With the built-in laser scanner you can collect 1D barcode data and the integrated 2-megapixel digital camera captures colour images for inspections, maintenance, and repair applications. Plus, you can use the Nomad's CompactFlash (CF) and Secure Digital (SDIO) slots to add more devices or memory.

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<b>Size</b>	176 mm (6.92") x 100 mm (3.92") x 50 mm (1.96")
<b>Weight</b>	596 g (21 ounces) including rechargeable battery
<b>Environment</b>	
<i>Operating:</i>	-30 °C to 60 °C (-22 °F to 140 °F)
<i>Storage:</i>	-40 °C to 70 °C (-40 °F to 158 °F)
<i>Drop:</i>	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m (4 ft) 6 additional drops at -30 °C (-22 °F), 6 additional drops at 60 °C (140 °F)
<i>Vibration:</i>	MIL-STD-810F, Method 514.5 Procedures I&II
<i>Sand &amp; Dust:</i>	IP67, MIL-STD-810F, Method 510.3, Procedures I&II
<i>Water:</i>	IP67, Sealed against accidental immersion (1m/3 ft for 30min) MIL-STD-810F, Method 512.4, Procedure I
<i>Humidity:</i>	MIL-STD-810F, Method 507.4
<i>Altitude:</i>	4572m (15.000 ft) at 23 °C (73 °F), MIL-STD-810F, Method 500.4, Procedures I, II & III
<b>Processor/memory</b>	Processor: Marvell PXA320 Xscale 806 MHz Memory: 128 MB DDR SDRAM ~ 30 MB reserved
<b>Data Storage</b>	Onboard non-volatile NAND Flash 512 MB to 2 GB ~ 50 MB reserved
<b>Operating System</b>	Windows Mobile 6
<b>Screen</b>	480x640 pixel (VGA) 16 bit sunlight-readable colour TFT with LED backlight
<b>Keyboard</b>	Numeric keypad, backlighting for night use, on-screen QWERTY soft keypad
<b>Battery</b>	5200 mAh Li-ion rechargeable pack, all day operation with default settings
<b>Connections</b>	USB host and client, power, audio jack, 1 x Type II CF-slot*, 1 x SDIO slot <i>* Except Nomad 800LE and Nomad 800XE models</i>
<b>Communication</b>	PAN: Bluetooth 2.0 + EDR WLAN*: integrated 802.11b/g WPA2, WAN: optional integrated GPRS/EDGE Integrated GPS* Integrated speaker & microphone <i>* Except Nomad 800B</i>
<b>Options</b>	<ul style="list-style-type: none"><li>• Integrated laser 1D barcode scanner</li><li>• Integrated 2 megapixel camera • GPRS</li><li>• 9-pin serial boot with RS-232 connector</li><li>• Desktop cradle • Vehicle mount</li><li>• 12V Vehicle charger • AA battery module</li><li>• Spare battery charger • RFID</li><li>• UHF RFID Kit 869.525 MHz (for Europe only)</li><li>• Carrying Cases • Belt Carrier</li></ul>

Handheld Europe AB is a European supplier of rugged mobile computers on the EMEA market. Handheld Europe and its partners deliver complete mobility solutions to businesses in industries such as forestry, logistics, public transportation, construction, service & maintenance, military and security. Handheld Europe is a subsidiary of HHCS Handheld AB, a company specializing in rugged field computing solutions.

# handheld

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