Assion Electronic ⊐⊂

Simplify your business

HLG TDS NOMAD
More power and more capability!

Main Features:

- Rugged and waterproof
- Windows Mobile 6.0 operating system
- Long-life Li-Ion battery
- Integrated Bluetooth interface
- VGA display and touch screen
- Optional WLAN 802.11g, integrated GPS, digital camera, barcode-scanner & GSM/EDGE
- 806 MHz Marvell XScale processor
- 128 MB DDR SDRAM
- Up to 2 GB Flash memory
- Compact Flash and Secure Digital slot
- Small and lightweight

Product description:

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

In addition to integrated Bluetooth, GPS and 801.11g wireless, the Nomad is available with built-in a digital camera, barcode-scanner and GSM/EDGE connectivity. It also features a class-leading   806 MHz Marvell XScale processor and up to 2 GB of Flash memory.

The Nomad makes it easy to collect, save and transmit data in the field because it's available with so many built-in capabilities. Integrated GPS gives you location data for navigation and mapping capabilities. With its integrated barcode-scanner, you can instantly collect data from 1D barcodes. You can use the integrated 2-megapixel digital camera to capture color images for inspections, maintenance, and repairs. And its built-in WAN connectivity gives you voice and high-speed wireless data communications. Plus, you can use the Nomad's CompactFlash (CF) and Secure Digital (SDIO) slots to add even more devices.

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.

Every Nomad version comes with an 806 MHz Marvell PXA320 XScale processor, a choice of 512 MB, 1 GB or 2 GB of Flash memory and a hot-swappable Lithium Ion (Li-Ion) battery that can work all day without a recharge. A full VGA display and touch screen offers sharp, high-resolution graphics even in bright sunlight, making it ideal for viewing detailed maps.

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Technical specification:

Standard Features:

- Microsoft Windows Mobile 6.0 (Classic and Professional Edition), 806 MHz Marvell PXA320c X-Scale processor, 128 MB DDR SDRAM, 512 MB up to 2 GB Flash memory, sunlight readable colour TFT VGA display, touch screen, robust and waterproofed design, integrated loudspeaker and microphone, integrated Bluetooth interface 2.0, Compact Flash slot type II, SDIO slot, notification LED's, USB host and USB slave, audio headset jack, long-life Li-Ion battery, keypad back-lighting and 12 month limited warranty.

Optional Features:

- Integrated WLAN 802.11g, integrated GSM/EDGE module with full phone capability, integrated GPS with SiRF III chipset (WAAS capable), 9-pin RS232 connector, PDA keyboard or numerical keyboard, integrated 1D barcode scanner and integrated 2 megapixel digital camera.

Standard Software:

- Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile, Internet Explorer Mobile, Contacts, Tasks, Notes, Calendar, Calculator, Windows Media Player, Microsoft Pictures und Videos, Online help, Remote Desktop Mobile (optional) and Microsoft Voice Command (optional).

Standard Accessories:

- Li-Ion battery, rugged stylus, AC charger, USB cable, User guide, hand strap, screen protectors, Getting-Started-CD with MS ActiveSync

Accessories:

- Carry case, Deluxe case with belt clip and neck strap, serial cable RS232, Powerboot module for AA batteries, spare battery charger, CF-cap, Tripod Bracket, 12V vehicle charger, vehicle mount, …

Configurations:

Device	Flash	GPS	BT	WLAN	GSM/ EDGE	Laser- Scanner	Camera	Keyboard
Nomad 800XLE	2 GB	●	●	●	●	●	●	num./WAN
Nomad 800XLC	2 GB	●	●	●	●		●	num./WAN
Nomad 800XL	2 GB	●	●	●	●			num./WAN
Nomad 800LE	1 GB	●	●	●		●	●	num.
Nomad 800LC	1 GB	●	●	●			●	PDA/num.
Nomad 800L	1 GB	●	●	●				PDA/num.
Nomad 800B	512 MB		●					PDA/num.

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Physical:

- Length: 176 mm, Width: 100 mm, Height: 50 mm, 596 g including battery

Optional Features:

- **Operating temperature**: −30°C till +60°C, MILSTD 810F, method 501.4, procedure II, MIL-STD 810F, method 502.4, procedure I, II, III

- **Storage temperature**: −40°C till +70°C, MIL-STD 810F, method 501.4, procedure I, MIL-STD 810F, method 502.4,procedure I, II, III

- **Temperature shock**: MIL-STD-810F, method 503.4, procedure I

- **Humidity**: MIL-STD 810F, method 507.4

- **Water**: IP67 (1m for 30 min.),MIL-STD 810F, method 512.4 procedure I

- **Drop**: MIL-STD 810F, method 516.5 Procedure IV, 26 drops from 1,22m onto plywood over concrete, 6 additional drops at −30°C, 6 additional drops at +60°C

- **Sand and dust**: MIL-STD 810F, method 510.3 procedure I, II

- **Vibration**: MIL-STD 810F, method 514.5 procedure I & II

- **Altitude**: MIL-STD 810F, method 500.4 procedure I, II & III

Processor, Memory:

- Intel Marvell PXA320 processor with 806 MHz, 128 MB DDR SDRAM, ca. 30 MB reserved, 512 MB up to 2 GB Flash, ca. 50 MB reserved

Display:

- VGA, 480 x 640 pixel TFT colour display with touchscreen and LED backlight

Battery:

- Rechargeable Li-Ion battery with 5.200 mAh

I/O:

- 1 x USB host, 1 x USB slave, 1 x power, 1 x audio headset jack

Wireless:

- Integrated Bluetooth interface 2.0+ EDR, WLAN 802.11b/g WPA2, quad-band GSM/EDGE class 12

Expansion:

- Integrated CF-card slot type II and SDIO slot, water- and dustproof closed with CF-cap and easy to open

Certifications:

- RoHS, FCC, CE/R & TTE, IC (Canada) and C-Tick