

NotePAC

DOLCH ULTRA-RUGGED, ALL-METAL NOTEBOOK SURVIVES EXTREME ENVIRONMENTAL CONDITIONS

Sealed – NEMA 12 and IP 54 Rated

Rugged Magnesium Alloy Casing

Drop Proof – 36-Inch Free Drop to Concrete

Operates in the Rain

Intel® Centrino™ Mobile Technology

Shock Mounted Components

Internal Battery Power



All-Metal Weatherproof Notebook

Environmental

Operating Temperature – 0° to 55°C

Operating Shock – 15g 11ms 1/2 sine

Non-Operating Shock – 50g 11ms 1/2 sine

Operating Vibration – 55-500Hz 1.0g

Non-Operating Vibration – 55-500Hz 2.0g

Shock and Vibration Resistant

NotePAC™ is completely sealed from intrusion by water, salt laden air, and blowing dust and dirt. It combines a high-strength cast-magnesium case and shock mounted components to form a portable platform that can withstand a 15g operating shock load and a 50g non-operating shock load – as might be experienced during rough transportation. For example, NotePAC can operate continuously in high vibration environments, such as found in rotary winged aircraft and off-road vehicles.

Tested and Certified

NotePAC has been thoroughly tested to MIL-STD 810F and IEC 529 to prove conformance to all design goals for shock and vibration loading. To ensure that the system meets all moisture and dirt intrusion requirements, it is certified to the stringent criteria of IP 54 set by the National Electrical Manufacturer's Association (NEMA) and the International Electrotechnical Commission (IEC).

High-End Computing Performance

The NotePAC configuration includes a powerful Intel® Pentium® M processor, featuring Centrino™ mobile technology, wireless ready, 256MB of DDR memory, PCMCIA/Cardbus, 3D audio, and a fully sealed rubber keyboard with an integrated pointing device. The fully rugged Dolch NotePAC is the world's most versatile and expandable notebook, offering the widest range of I/O ports and accessory upgrade ports, in the industry. The NotePAC expansion module is the only fully rugged notebook to accommodate either two 3/4 size PCI cards or two 3/4 size ISA cards.

Mass storage is provided by a standard removable EIDE hard drive. The hard drive is a small form-factor, 2.5-inch ruggedized unit mounted in a shock absorbing, sealed cartridge that slides into the side of the NotePAC. A peripheral bay houses either a removable CD-ROM or an optional floppy drive, or DVD/CD-RW drive.

Cutting Edge Video

The Dolch NotePAC features a large active matrix TFT color display, 64MBs of shared system memory and AGP 4X for enhanced high-performance 3D graphics. Video capability includes a Dual-View function (Dual Task Display) and a DirectX 8.1 capability.



RUGGED SOLUTIONS



NotePAC with Expansion Slice

North America

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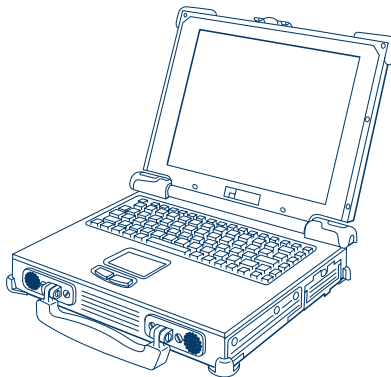
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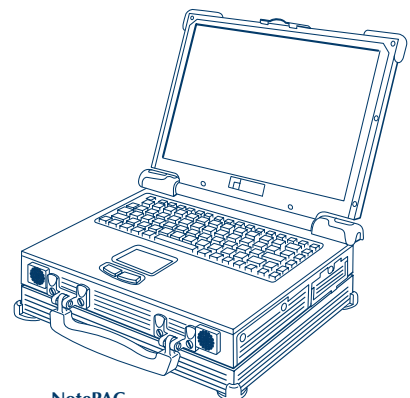
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Specifications	
CPU Type	Up to Intel® Pentium® M 1.6GHz Processor
DRAM	256MB DDR Memory Standard Up to 1GB Optional
Hard Disk Drive	2.5-inch 20GB Min
Peripherals	Removable CD-ROM Removable FDD, or DVD/CD-RW Drive Option
Expansion	Two Type-II/One Type-III PCMCIA/CardBus Slots
ISA/PCI Expansion Unit	Two 3/4 ISA or PCI Slots Optional
Display	12.1in TFT – 1024x768 XGA or 14.1in TFT – 1280x1024 XGA AGP 4X, 64MB Shared System Memory External 32-bit, Video Port for External Monitor LCD/CRT Simultaneous Display Capability
Sound	Built-in Stereo Sound w/External Audio Jacks
Interfaces	One RS-232C Serial Port Two USB 2.0 Ports One IEEE 1394 Port One EPP/ECP Parallel Port One VGA External Monitor Port One IrDA-compliant Infrared Port One RJ-11 Port One RJ-45 Port One Port Replicator Port Wireless LAN & GPS Optional
Comm. Devices	56K Modem and 10/100 NIC
System Input Power	100-240V AC, 50-60Hz 10-20V DC Power Cord Option 12-32V DC Power Adapter Option 97WHr Main Battery, 65WHr Auxiliary Battery
Approvals	Safety – UL, cUL, TÜV Emissions – CE Mark, FCC Class B
Physical (WxLxH)	12.2in (30.5cm) x 10in (25cm) x 2.76in (6.9cm) Unit Only 17.75in (32cm) x 11.5in (29cm) x 3.5in (9cm) w/Handle & Rubber Bumpers 12.2in (30.5cm) x 10in (25cm) x 4.76in (12.09cm) w/Expansion Module
Keyboard/Pointing Device	Windows® 2000 Compatible, 87-key Sealed Keyboard Sealed Pointing Device



NotePAC



NotePAC
(with optional expansion module)



RUGGED SOLUTIONS



Built-in Quality

www.dolch.com – 800.995.7560