Imagine an Expert Sniffer® Network Analyzer on a Power Portable…

PAC™ (Portable Add-in Computer) models 60 and 61 are power portables specifically designed by Dolch and certified by Network General for their Expert Sniffer line of network analysis tools. The four-slot PAC 60 and the two-slot PAC 61 are EISA based systems allowing the integration of all Network General recommended configurations for a portable network analysis system.

Network General is the leading supplier of equipment for troubleshooting problems and maintaining peak performance on today's highly complex computer networks. The Expert Sniffer® Network Analyzer is a vital management tool that helps fine-tune and expand multi-topology, multi-protocol networks. For portable applications, Network General has certified PAC power portables from Dolch, the industry leader in ruggedized portable platforms, that are specifically designed for industrial and high-end commercial applications.
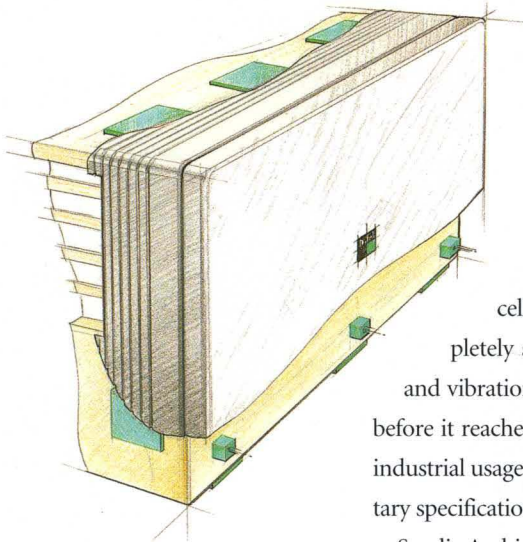
Dolch provides the very latest in human interface technology. The 1.7 million color TFT truly represents the state-of-the-art in flat-panel display technology. The detachable keyboard with sculpted keys will make the user feel as though they are using the best of desktop keyboards. **For more information, call 1.800.538.7506 today.**

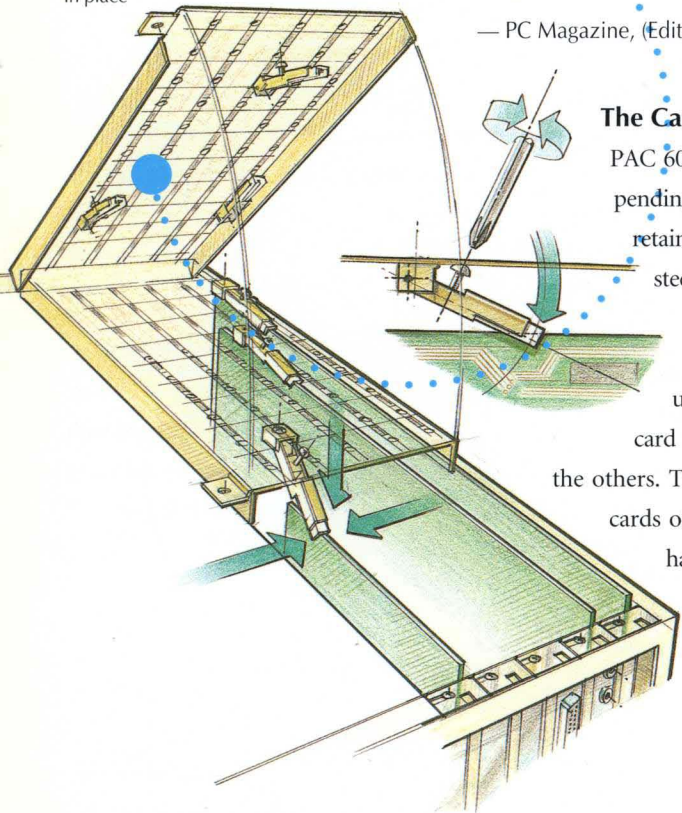## PAC Dolch.
Portable Add-in Computer

MIL Ruggedness

In the PAC, all internal components are mounted in a custom designed monocoque alloy chassis that is mounted inside a shock-resistant molded outer shell. Using a closed cell polyurethane foam, the inner-chassis is completely shock isolated from the outer shell. All shock and vibration impinging on the outer surface is dampened before it reaches any of the system components. Designed for industrial usage, the PAC series has even passed testing to military specifications, and has seen service in military locales such as Saudia Arabia and Somalia.

Environmental Specifications

Stress	Operational	Non-Operational
Thermal High @ 24.0 h	50° C (122° F)	60° C (140° F)
Thermal Low @ 24.0 h	5° C (41° F)	0° C (32° F)
Thermal High @ 0.5 h	60° C (140° F)	70° C (158° F)
Thermal Low @ 0.5 h	0° C (32° F)	–20° C (–4° F)
Humidity (non-condensed)	85%	98%
Shock 1/2 Sine @ 11 ms	6 G	60 G
Vibration	1 Gpp @ 5 – 300 Hz	2 Gpp @ 300 – 500 Hz
Low Altitude	–200 m (–650 ft)	–200 m (–650 ft)
High Altitude	3 km (10000 ft)	12 km (40000 ft)

The PAC's unique card retention system keeps add-in boards securely in place
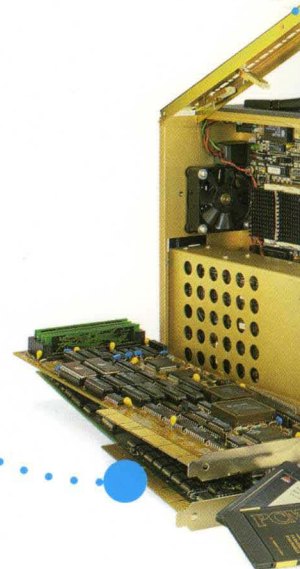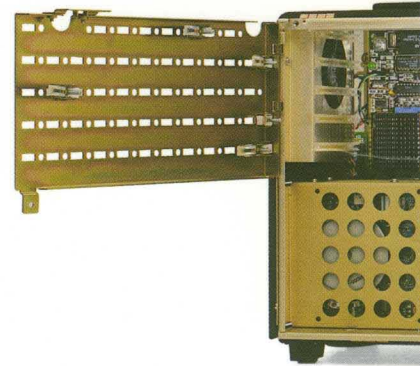
"...It simply outclasses its competitors. It's the most sturdy and solid machine we have tested..."
— PC Magazine, (Editor's Choice)

The Card Retention System

PAC 60 and 61 use Dolch's innovative (patent-pending) card retention system. Individual card retainers are mounted to a slotted, cold-rolled steel plate that is mounted over the plug-in boards. Each card retainer has a groove that captures the card, and a screw that is used to set its height. In this manner, each card is captured individually, independent of the others. This unique system ensures that plug-in cards of XT or AT height, and anywhere from half-length to full-length, stay in place at all times. For ease of adding or changing boards, the retainer plate swings away with the removal of a single screw.

Portable Computing Power

Dolch realizes that sophisticated users cannot compromise the versatility and performance found in their desktop systems when working away from their base of operation.

"...For engineers and executives who want all the speed, power, and expandability of a desktop unit, but also the convenience and compactness of a portable, the Dolch PAC can't be beat."
— PC Magazine, (Editor's Choice)

Configured for Expert Sniffer® Analyzers

The Dolch PAC 60 and 61 portables are specifically designed and preconfigured for optimum performance with Network General network analyzers. Network General has approved the PAC 60 and the PAC 61 for use with the Expert Sniffer Network Analyzer, the Expert Sniffer® Internetwork Analyzer, and the FDDI Sniffer® Network Analyzer. Either the single attachment station (SAS) or the dual attachment station (DAS) FDDI configuration fits into a single compact portable unit.

Optimized Expansion

The Dolch PAC 60 and 61 are designed to take your analyzer where it needs to go. They both combine 486DX2-66 MHz computing power, large active matrix TFT flat-panel displays, and compact size. The 32-bit EISA bus structure provides the speed needed for FDDI analysis. Both units feature 270 MB hard disk drives and 8 MB RAM as standard.

The PAC 60 offers 4 EISA slots. Two PCMCIA slots are available optionally without losing a slot. As shown in the diagram on the next page, this can accomodate almost any combination of Network General Expert Sniffer Analyzer cards. It is the ideal choice where multiple topologies will be tested, or where room for future additions is desired.

The PAC 61 offers 2 EISA slots and 2 optional PCMCIA slots. It is smaller, lighter, and will accommodate many analyzer configurations.

Whichever PAC you select, you are sure of getting certified compatibility with Network General Expert Sniffer Network Analyzer cards.
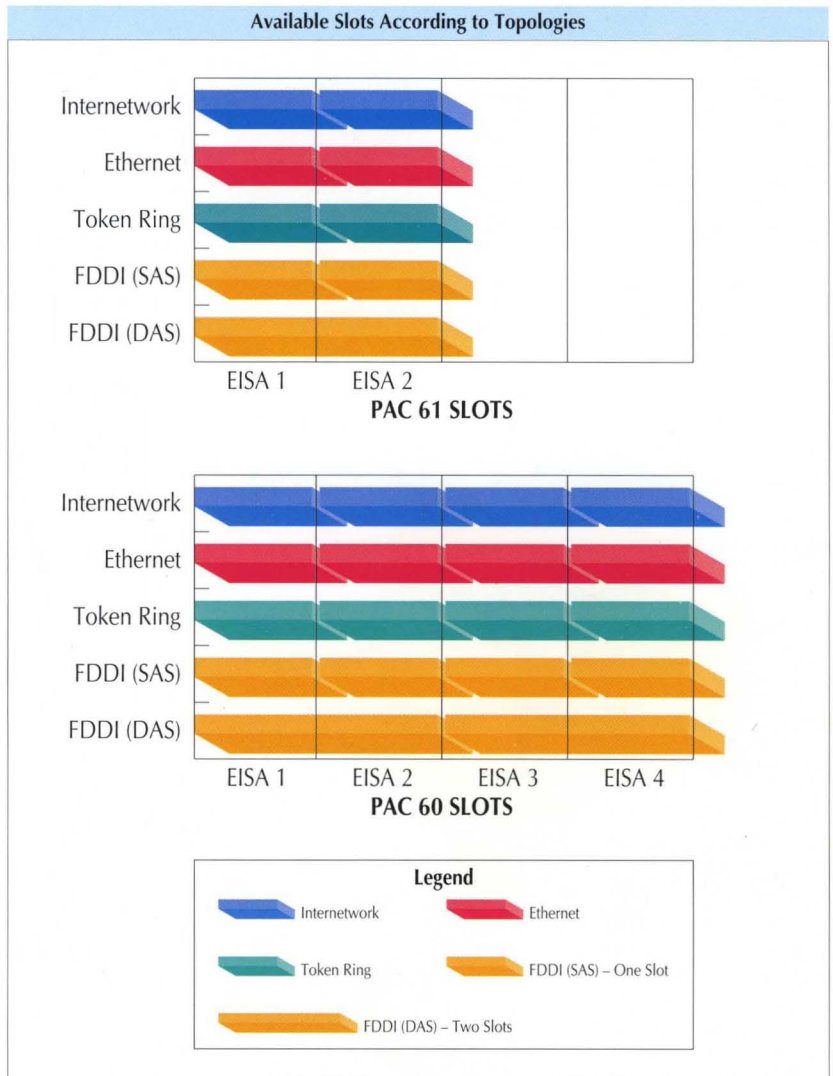
The PAC 61 offers two open full-size ISA/EISA plus two PCMCIA slots, while the PAC 60 offers four open full-size ISA/EISA slots plus two PCMCIA

Two Type II or one Type III PCM-CIA cards can be plugged into any PAC 60 or 61 models

FEATURE	PAC XX
Processor	486DX2
Speed	66 MHz
RAM Cache	8/256 KB
Bus Structure	32-bit EISA
Standard RAM	8 MB
Maximum RAM	64 MB
Standard Hard Disk Drive	270 MB
Standard Floppy Drive	1.44 MB, 3.5-in.
Keyboard	101-/102-key
Flat-Panel Display	High-Resolution Color
Technology	Active Matrix TFT
Pixel Resolution	640x480 (int. and ext.)
	800x600 (ext.)
	1024x768 (ext.)
Colors	1,700,000 Color
Visual Parameters	Contrast Ratio: 100:1
	Viewing Angle: 90°
Response Time	40 ms
Included Operating System	MS-DOS 6.2
PAC 61	
Expansion Slots	2 EISA
PCMCIA Option	2 Type II or 1 Type III
Maximum Hard Disk Drive	1.0 GB
Power Supply	100 Watt
Dimensions	15.7 x 9.3 x 6.25"
Weight	15 lb
PAC 60	
Expansion Slots	4 EISA (3 VESA)
PCMCIA Option	2 Type II or 1 Type III
Maximum Hard Disk Drive	4 GB
Standard Power Supply	150 Watt
Dimensions	15.7 x 9.3 x 8.25"
Weight	20 lb

Available Slots According to Topologies

PAC 61 SLOTS

Internetwork / Ethernet / Token Ring / FDDI (SAS) / FDDI (DAS)

EISA 1   EISA 2

PAC 60 SLOTS

Internetwork / Ethernet / Token Ring / FDDI (SAS) / FDDI (DAS)

EISA 1   EISA 2   EISA 3   EISA 4

Legend

- Internetwork
- Ethernet
- Token Ring
- FDDI (SAS) – One Slot
- FDDI (DAS) – Two Slots

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