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.
The PAC’s unique card retention system keeps add-in boards securely in place.

**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**

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

"...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 accommodate 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.
**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 Technology | High-Resolution Color
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

**Available Slots According to Topologies**

<table>
<thead>
<tr>
<th>Internetwork</th>
<th>Ethernet</th>
<th>Token Ring</th>
<th>FDDI (SAS)</th>
<th>FDDI (DAS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EISA 1</td>
<td>EISA 2</td>
<td>PAC 61 SLOTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internetwork</td>
<td>Ethernet</td>
<td>Token Ring</td>
<td>FDDI (SAS)</td>
<td>FDDI (DAS)</td>
</tr>
<tr>
<td>EISA 1</td>
<td>EISA 2</td>
<td>EISA 3</td>
<td>EISA 4</td>
<td></td>
</tr>
<tr>
<td>Internetwork</td>
<td>Ethernet</td>
<td>Token Ring</td>
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<td>EISA 1</td>
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<td>EISA 3</td>
<td>EISA 4</td>
<td></td>
</tr>
</tbody>
</table>

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

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"The Dolch is a dream machine. It's one of the most powerful PCs of any kind in the world today."
— Computer Reseller News

"The Dolch PAC posts extraordinary fast speeds."
— Info World

"The Dolch system works like it was designed from the ground up..."
— Portable Computer Magazine

"The Dolch PAC offers high quality...expansion...and the best overall performance. It comes closest to the portable desktop ideal."
— PC Magazine

"The Dolch PAC is a screamingly fast, high-powered machine..."
— PC Magazine

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