

# QUICKSPECS

Compaq NC3121  
Fast Ethernet NIC,  
PCI, 10/100, Wake on LAN

## MODELS

### Compaq NC3121 Fast Ethernet NIC PCI, 10/100, WOL

Single  
323551-B21

5 Pack  
323551-B22

20 Pack  
323551-B23

80 Pack  
323551-B24

Single Spare Kit  
323556-001

The Compaq NC3121 Fast Ethernet NIC provides a Wake on LAN (WOL) feature that enables PCs to be powered up remotely for after-hours and remote-site maintenance.

By providing high performance and feature-rich functionality on both 10BaseT and 100Base TX networks, the NC3121 Fast Ethernet NIC offers businesses a robust, cost-effective NIC solution as their networks evolve.

### Compaq Fast Ethernet NIC Family

- NC3120: PCI, 10/100
- NC3122: PCI Dual 10/100
- NC3131: 64 PCI Dual Base 10/100
- NC3132: Fast Ethernet module for the NC313

### Simplified, Streamlined Management

The Compaq NC3121 Fast Ethernet NIC can be remotely powered up from a sleep state during non-work hours. Because no one has to be physically present for power-up, this Wake on LAN (WOL) feature enables businesses to quickly and efficiently update drivers and software, conduct hardware and software audits, and perform other management tasks without interrupting PC users during work hours.

The Fast Ethernet NIC also provides standard SNMP MIB support, as well as SmartStart support for Compaq server installation. Network activity can be monitored remotely with Compaq's CNMS network management software, Compaq Insight Manager, or any SNMP-compliant management software. LEDs indicate link and network activity for "at-a-glance" troubleshooting.

### Conformance to Industry Standards

The Fast Ethernet NIC can use either Compaq or Intel industry-standard drivers, allowing MIS departments to standardize on a single set of drivers. The product's "Blue Angel" compliance reduces power consumption, and is fully compatible with Windows 98 and compliant with Microsoft's PC 98 networking standards.

### Greater Security, Lower Hardware Costs

The Fast Ethernet NIC features embedded Boot ROM support, which enables a network administrator to upgrade or install new software onto systems from a remote location. Because the Boot ROM is embedded, businesses save the time and money they would otherwise spend qualifying, purchasing and installing Boot ROM chips into Boot ROM sockets—the only alternative offered by most other NIC vendors.

### Network Fault Tolerance and Auto-Correction

The product's network fault tolerance feature ensures that the server always keeps an active link. If a primary network connection fails, a second, backup NIC can automatically take over, retaining the connection to the network.

### High Performance and Flexibility for Today's Businesses

Full duplex support allows the Fast Ethernet NIC to transmit and receive data simultaneously for rates up to 20 Mbps for Ethernet and 200 Mbps for Fast Ethernet. Performance is further ensured with 6KB of buffer memory, which makes for low CPU utilization at high throughputs. The product works with both 10BaseT and 100Base TX networks, and auto-sensing capabilities enable it to automatically negotiate between 10 and 100 Mbps to achieve the highest common speed on the network. As businesses evolve from 10BaseT to 100Base TX networks, there is no need to buy new Fast Ethernet NICs.

### Fast, Easy Installation

The NC3121 features a robust "plug-and-play" capability for conflict-free auto configuration. With SmartStart support, NIC installation is easily integrated into the setup of the operating system and machine, for easy installation on Compaq servers.

### World Class Compaq Reliability

Designed with quality and investment protection in mind, the NC3121 Fast Ethernet NIC meets all of Compaq's demanding design and manufacturing standards. Surface-mount technology, ASIC-based hardware, state-of-the-art manufacturing facilities, a top-notch quality inspection, and testing provide the reliability and quality you expect from a Compaq product.

### Warranty

Compaq supports this product with a limited lifetime warranty. Technical support is available at your fingertips 24 hours a day, 7 days a week.

**Note:** Certain restrictions and exclusions apply. Contact Compaq Networking Product Division Sales at 1-800-544-5255 or the Compaq Networking Technical Support Center (post sales) at 1-800-386-2172 for details.

### Top to Bottom Solutions

Compaq can provide the end-to-end solution from the lightweight laptop computer to the multi-terabyte, fault-tolerant server and all the high-speed networking and communications in between. Compaq solutions are geared to provide flexibility and performance at reasonable prices. A single point of support ensures quick and efficient resolution.

## SPECIFICATIONS

### Features

Compliance	IEEE 802.2, 802.3, and 802.3 u
Power requirements	470mA@+5V typical
Certifications	FCC Class B CE Mark
Data Transfer	32-bit bus-master PCI 10 or 100 Mbps Auto-negotiating
Connector	RJ-45
Buffer memory	6 KB
Communication processor	Intel 82558 chipset
Operating system support	(Microsoft Windows 95, NT) ODI 16-bit and ODI 32-bit (Novell NetWare) NDIS 2.0 (most operating systems) SCO UNIX

### Regulatory Testing

Supported cabling	CAT 3, 4, 5 UTP (2 or 4 pair) Up to 100 meters (328 feet)
-------------------	--

### Operating Environment

Operating temperature	50° to 131°F/10° to 55°C
Shipping temperature	-4° to 149°F/-20° to 65°C
Humidity	Up to 85% (non-condensing)

## COMPATIBILITY

### Portables

Compaq Armada 1500  
Compaq Armada 1500C  
Compaq Armada 1700  
Compaq Armada 1750  
Compaq Armada 3500  
Compaq Armada 4000  
Compaq Armada 6500  
Compaq Armada 7300  
Compaq Armada 7400  
Compaq Armada 7700  
Compaq Armada 7800

### PC Companion

Compaq C-Series

### Desktops

Compaq Deskpro EN Series Desktop  
Compaq Deskpro EN Series Minitower  
Compaq Deskpro EN Series Small Form Factor  
Compaq Deskpro EP Series  
Compaq Deskpro EP Series, Small Business Solutions

## COMPATIBILITY *(continued)*

### Workstations

---

Compaq Professional Workstation XP1000  
Compaq Professional Workstation 6000  
Compaq Professional Workstation 5100  
Compaq Professional Workstation SP700  
Compaq Professional Workstation AP500  
Compaq Professional Workstation AP400  
Compaq Professional Workstation AP200

### Servers

---

Compaq ProLiant 400  
Compaq ProLiant 800 6/350E, 6/400, 6/450 MHz  
Compaq ProLiant 1600 (100 MHz)  
Compaq ProLiant 1600R (100 MHz)  
Compaq ProLiant 1850R  
Compaq ProLiant 3000 6/450  
Compaq ProLiant 3000R 6/450  
Compaq ProLiant 5500 Xeon  
Compaq ProLiant 5500R Xeon  
Compaq ProLiant 6000 Xeon  
Compaq ProLiant 6500 Xeon  
Compaq ProLiant 7000 Xeon

### SMB

---

Compaq Prosignia Notebook Family of Personal Computers  
Compaq Prosignia Desktop Family of Personal Computers  
Compaq Prosignia 740  
Compaq Prosignia 720