

Overview

Models

HP NC360T PCI Express Dual Port Gigabit NIC

KU004AA

Introduction

The HP NC360T PCI Express Dual Port Gigabit NIC (Network Interface Card) provides a complete end-to-end Gigabit solution for workstation customers who demand the latest in dual port Gigabit Ethernet bandwidth and features. . It offers two ports on a single PCI Express adapter, allowing customers to save valuable I/O slots for other uses. It is based upon the high performance Intel 82571EB chipset and offers a four lane (x4) PCI Express bus.

Performance and Features

- End-to-end Gigabit solution
 - Better network performance by alleviating congestion and removing bottlenecks
 - High-performance connectivity solution for your LAN
 - Interrupt moderation - significantly reduces CPU utilization and increases throughput
 - ACPI, WOL, PXE - allows lower power consumption, remote wake and remote booting
 - PCI-E v1.0a compliant
 - Auto-negotiation - senses and configures itself to the speed and duplex type of the device to which it is attached.
 - Support for ACPI WOL (wake on LAN)
 - A large 96Kbyte On-Chip memory
 - Jumbo Frames up to 9kb Maximum Transmission Unit (MTU).
 - Supports any management application that supports SNMP
 - Multiple transmit and receive descriptor queues
 - Half and Full Duplex operation
 - Data rates of 10/100/1000 Mb/s
 - Teaming Modes: Adapter Fault Tolerance, Switch Fault Tolerance, Adaptive Load Balancing, Static Link Aggregation, IEEE 802.3ad Dynamic Link Aggregation, Multi-Vendor Teaming
 - TCP, UDP and IP checksum offloads
 - Bracket LED indicators show link integrity, network activity, and speed on each port for easy troubleshooting.
 - Supports cable runs up to 100 meters (328 feet).
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Compatibility

The HP NC360T PCI Express Dual Port Gigabit NIC Card is PCI-E 1.0a compliant and compatible with HP xw6600, xw8600, Z400, Z420, Z600, Z620, Z800 and Z820 Workstations. Not all models available in all regions.

Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

Technical Specifications

Connector	Two RJ-45
Controller	Intel 82571EB
Memory	Integrated 96KB
Data Rates Supported	10/100/1000 Mb/s
Compliance	802.3, 802.3u, 802.3x, 802.3ab, 802.3ad, 802.1p, 802.1Q
Bus Architecture	PCI-E 1.0a
Data Path Width	Four lane (x4) PCI Express compatible with x4, x8, and x16 PCI Express slots
Data Transfer Mode	Bus-master DMA
Hardware Certifications	FCC Class B, VCCI Class B, BSMI Class A, CISPR 22 Class B, EN 55022 Class B, EN55024-1, ICES-003 Class B, MIC Class B, ACA Class B, UL, Canada UL, EN60950
Power Requirement	1280 mA @ 3.3V typical
Boot ROM Support	Yes
Network Transfer Rate	10BASE-T (half-duplex) 10 Mb/s 10BASE-T (full-duplex) 20 Mb/s 100BASE-TX (half-duplex) 100 Mb/s 100BASE-TX (full-duplex) 200 Mb/s 1000BASE-T (full-duplex) 2000 Mb/s
Operating Temperature	32° to 131°F (0° to 55° C)
Operating Humidity	0% to 95% non-condensing
Dimensions	12.95 x 6.8 cm (5.1 x 2.7 in)
Operating System Driver Support	Windows Vista Business 64, Windows Vista Business 32, Windows XP Professional, Windows XP Professional x64 Edition. Red Hat Enterprise Linux(RHEL) WS4, 5, 6 Desktop/Workstation Novell SLED 10 & SLED 11
Management Capabilities	WOL , PXE 2.1
Kit Contents	HP NC360T PCI Express Dual Port Gigabit NIC, low profile bracket, CD containing Intel PROset II NIC drivers, quick install guide, product warranty statement

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