QuickSpecs

Overview

Intel Ethernet I210-T1 GbE NIC Card

Models

Intel Ethernet I210-T1 GbE NIC Card   E0X95AA

Introduction

Enjoy Gigabit Ethernet networking that's designed for optimal performance, and with the environment in mind. Get Audio Video Bridging (AVB) support and efficient power management in a low-halogen single-port PCI-Express Gigabit Ethernet adapter.

Key Benefits

- Synchronize, buffer, and queue streams for time-sensitive communication requirements with Audio Video Bridging (AVB).
- Get Error Correcting Memory (ECC) protection and improved data reliability from four transmit and four receive queues that manage packets and reduce latency to optimize multi-core processing performance.
- Help reduce Ethernet connection power consumption with a card that meets the IEEE802.3az Energy Efficient Ethernet standard to switch to a low power idle state when not in use.

Compatibility

The Intel Ethernet I210-T1 GbE NIC Card is compatible with the HP ProDesk 600 G1 Tower, HP ProDesk 600 G1 SFF, HP EliteDesk 800 G1 Tower, HP EliteDesk 800 G1 SFF, HP Compaq 6305 Pro MT, HP Compaq 6305 Pro SFF, and HP RP5 Retail System – Model rp5800.

NOTE: Please check this product's web page on HP.com for current compatibility information.

NOTE: 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	RJ-45
System Interface	PCI Express x1
Controller	Intel I210 Gigabit Ethernet Controller
Memory	Integrated Dual 48K configurable transmit receive FIFO Buffers
Data rates supported	10/100/1000 Mbps
Compliance	IEEE 802.1P, 802,1Q, 802.2, 802.3, 802.3AB and 802.3u compliant, 802.3x flow control
Bus architecture	PCI-E 2.1
Data path width	X1, 250 MB/s, Bi-directional interface
Data transfer mode	Bus-master DMA
Hardware certifications	FCC, B, CE, TUV- cTUVus Mark Canada and United States, TUV- GS Mark for European Union
Power requirement	Aux 3.3V, 3.0 Watts in 1000base-T and 2.0 Watts in 100Base-T
Boot ROM support	Yes
Network transfer rate	10BASE-T (half-duplex) 10 Mbps
	10BASE-T (full-duplex) 20 Mbps
	100BASE-TX (half-duplex) 100 Mbps
	100BASE-TX (full-duplex) 200 Mbps
	1000BASE-T (full-duplex) 2000 Mbps (actual rate limited by PCI Bus)

Environmental	**Operating temperature**	32° to 131°F (0° to 55° C)
	Operating humidity	85% at 131° F (55° C)

Dimensions	2.56 x 2.17 x 0.8 in (6.5 x 5.5 x 2.0 cm)
Operating system driver support	Windows 8 Pro, Windows 8, Windows 7 Professional 32-bit and 64-bit, Windows Vista Business 64, Windows Vista Business 32 . Red Hat Enterprise Linux 4 (RHEL4.8 or newer)*, Red Hat Enterprise Linux 5 (RHEL5.3 or newer), Red Hat Enterprise Linux 6, SUSE Linux Enterprise Desktop (SLED) 11
Management capabilities	WOL, PXE, DMI, WFM 2.0
Kit contents	Intel Ethernet I210-T1 GbE NIC Card, low profile bracket, CD, quick install guide, product warranty statement.

Summary of changes

Date of change:	Version History:		Description of change:
August 4, 2014	From v1.1 to v2	Added	Added change log
		Upgrade	Change the version, so it would match the PB