ADE4INLANG

4 Port Intel Gigabit LAN Jetway Daughter Board Gen2

Features

Easily add four additional Intel gigabit LAN ports.

Compatible with selected Jetway motherboards that support the new Jetway Daughter Board Gen2 interface,.

1. (4) four Intel 82574L PCI-E gigabit ethernet controllers
2. (4) four activity LED headers
3. Full Duplex flow control (IEEE 802.3x)
4. Wake-on-LAN and remote wake-up support
5. Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
6. Proprietary Jetway Daughter Board Gen2 interface (PCI Express bus)

Specifications

Model	■ ADE4INLANG
Part No.	■ JADE4INLANG
Dimension	■ 75 x 82 mm
Compatible With	■ JNF9G-QM77, JNF9I-2550
Chipset	■ Intel 82574L PCI Express Gigabit Ethernet Controller
Interface	■ Proprietary Jetway Daughter Board Gen2
Features	■ Programmable host memory receive buffers (256 bytes to 16 KB)
	■ Intelligent interrupt generation features to enhance driver performance
	■ Message Signaled Interrupts (MSI and MSI-X)
	■ Configurable receive and transmit data FIFO, programmable in 1KB increments
	■ Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
	■ IEEE 802.3ab auto negotiation support, Auto MDI, MDI-X crossover at all speeds
	■ Full duplex operation at 10/100/1000 Mb/s, Half duplex at 10/100 Mb/s
	■ TCP segmentation capability compatible with Large Send offloading features
	■ Support up to 256KB TCP segmentation (TSOv2)
	■ Fragmented UDP checksum offload for packet reassemble
	■ IPv4 and IPv6 checksum offload support (receive, transmit, and large send)
	■ Receive Side Scaling (RSS) with two hardware receive queues
	■ 9KB jumbo frame support, 40KB packet buffer size, NC-SI for remote management core
	■ Magic Packet* wake-up enable with unique MAC address
	■ ACPI register set and power down functionality supporting D0 andD3 states
	■ Full wake up support (APM and ACPI 2.0), Smart power down at S0 and Sx no link