

ALLNET PCIe 1G x4 Quad Port Gigabit Server Adapter- Copper RJ45 -I350 - ALL0136v2-4-GB-TX

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EAN CODE



Dual- and Quad-port Gigabit Ethernet server adapters

designed with performance enhancing features and new power management technologies

Overview

The ALL0136v2-4-GB-TX Intel Ethernet Server Adapter I350 family, these adapters represent the next step in the Gigabit Ethernet (GbE) networking evolution for the enterprise and data center by introducing new levels of performance through industry-leading enhancements for both virtualized and iSCSI Unified Networking environments. This new family of adapters also includes new power management technologies such as Energy Efficient Ethernet (EEE) and DMA Coalescing (DMAC).

Key Features

- Dual - or Quad -port Gigabit Ethernet adapters with copper or fiber interface options
- Innovative power management features including Energy Efficient Ethernet (EEE) and DMA Coalescing for increased efficiency and reduced power consumption
- Flexible I/O virtualization for port partitioning and quality of service (QoS) of up to 32 virtual ports
- Scalable iSCSI performance delivering cost-effective SAN connectivity
- High-performing bridgeless design supporting PCI Express* Gen 2.1 5GT/s
- Reliable and proven Gigabit Ethernet technology from Intel Corporation



Essentials	
Product Collection	Intel I350 Ethernet Server Adapter
Controller Processors	Intel NHI350AM4
Bus Type/Bus Width	PCI Express* 2.1 (5 GT/s) x4-lane, operable in x4, x8 and x16 slot
Connections	4 x RJ-45 (Copper)
Data Rate Supported	10/100/1000 Mbps (Copper), 1000 Mbps (Fiber)
Cable Distances	Copper: up to 100 m
Category-3 or higher for 10BASE-T operation	
Category-5 or higher for 100BASE-TX operation	
Category-5e or higher for 1000BASE-T operation	
Fiber: MMF 62.5/50 um	
Bracket	Full-height bracket installed. Low-profile bracket included in package
Dimension	130 mm x 69 mm (PCIe Board)
Technical Specifications	
IEEE standard	IEEE 802.3/10BASE-T, 100BASE-TX, 1000BASE-T
Network topology	
IEEE* 802.3 Auto-negotiation	
1Gb/s Ethernet IEEE 802.3, 802.3u, 802.3ab PHY specifications Compliant	
Integrated PHY for 10/100/1000 Mb/s for multispeed, full and half-duplex	
IEEE 802.3x and 802.3z compliant flow control support with software-controllable Rx thresholds and Tx pause frames	
Automatic cross-over detection function (MDI/MDI-X)	
IEEE 1588 protocol and 802.1AS implementation	
?	
Interrupt Levels	INTA, INTB, INTC, INTD, MSI, MSI-X
System Requirements	
Windows Client	Windows 11/ 10/ 8.1/ 8/ 7
Windows Sever	2008 R2/ 2012/ 2012 R2/ 2016/ 2019/ 2022
Linux	RHEL7.9/ 8.4/ 8.5, SLES12SP5, SLES15SP3, Ubuntu18.04LTS/ 20.04LTS, FreeBSD 12.2/ 13
Environment & Certification	



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Power consumption (typical)	Copper: I350T2V2 4.4 W I350T4V2 5.0 W
Fiber: I350F2 5.5 W I350F4 6.0 W	
Storage Humidity Maximum	90% non-condensing relative humidity at 35 °C
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Connect Speed LED Indicators	Not illuminated=10 Mb/s; green=100 Mb/s; amber=1 Gb/s (Copper) ?
Green=1 Gb/s. Not illuminated=no link (Fiber)	
Certifications	CE FCC RoHS