

N-700 Intel PCIe 2-Port 2.5G 4-Speed Multi-Gigabit Network Adapter

Solution: Intel I225-V



RJ45



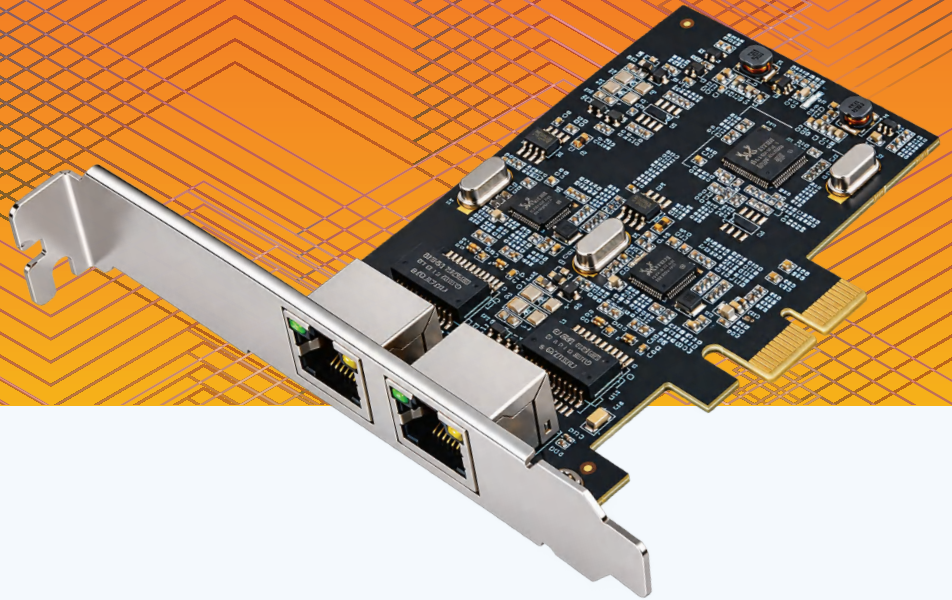
PCIe 2.0



Intel Solution



Wake-on-LAN



Introduction :

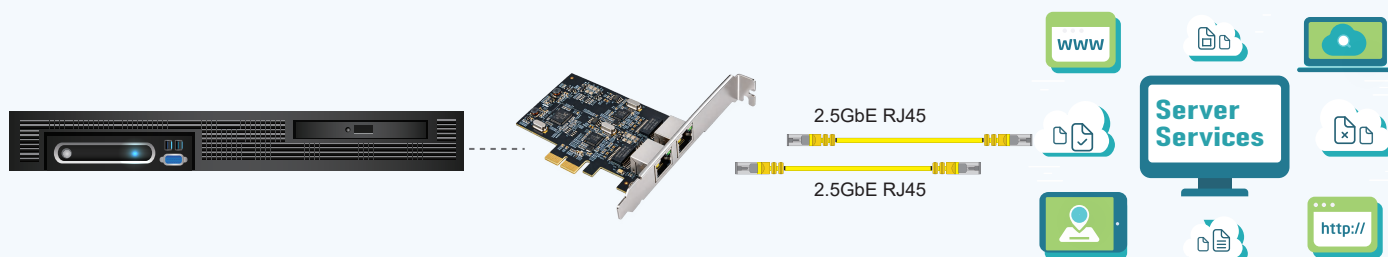
Engineered for high-density networking and specialized edge deployments, the N-700 Intel PCIe 2-Port 2.5G 4-Speed Multi-Gigabit Network Adapter delivers high-throughput connectivity for modern infrastructure. Powered by dual Intel I225-V controllers, this network adapter features two 2.5GbE RJ45 ports over a PCIe 2.0 x2 host interface, providing an ideal hardware foundation for link aggregation, soft routers, firewalls, and dedicated direct-attached NAS setups. Built for maximal transmission efficiency, it supports 9K Jumbo Frames to streamline data transfers while significantly lowering host CPU utilization. Hardware-level UDP, TCP, and IP Checksum Offload functions optimize overall protocol processing performance, while integrated Energy Efficient Ethernet (EEE) standards minimize operational power consumption without compromising signal integrity or network stability.

Features :

- PCIe x2 form factor compatible with x4, x8 and x16 PCI Express slots
- Supports 10/100/1000/2500 Mbps Ethernet
- Supports Preboot eXecution Environment (PXE)
- LED indicators indicate status of link/ activity and speed
- Supports Jumbo Frames up to 9K
- Supports WOL

Specifications :

Ordering Code	N-700
Description	Intel PCIe 2-Port 2.5G 4-Speed Multi-Gigabit Network Adapter
Solution	Intel I225-V
Form Factor	PCIe 2.0 x2
Bus Width	x2 lane PCI Express
OS Driver Support	Windows 10 RS5 or later (64-bit) Windows 11 Linux kernel 5.8 later
Connectors	2x 2.5GbE RJ45 Ports
Data Rates	2.5Gb/1Gb/100Mb/10Mb Ethernet
Operating Temperature	0°C – 60°C
Storage Temperature	-20 °C – 70 °C
EMC Standards	CE, FCC
Dimensions	123.3L x 120.9W x 21.6H mm
Package Contents	1x Intel PCIe 2-Port 2.5G 4-Speed Multi-Gigabit Network Adapter 1x User Manual
Packing Information	Retail Box Packing 20 pcs/Carton Measurment: 36L x 30W x 23H cm G.W: 3.7 Kg ; N.W: 3.2 Kg



Dimensions :

