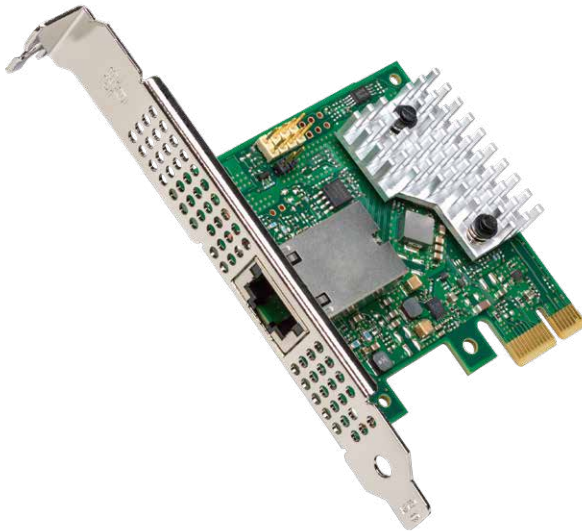


Intel I225V Single Port 2.5GbE PCIe NIC



Enjoy Gigabit Ethernet networking that's designed for optimal performance with the environment in mind. Get Audio Video Bridging (AVB) support and efficient power management in a low halogen¹ single-port PCI-Express Gigabit Ethernet adapter.

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.

DMA Coalescing batches multiple packets together so that the processor, memory, and OS wake from idle states for group tasking vs. one-off commands.

Help reduce your impact on the environment with a low halogen¹ design.

1. Service parts obtained after purchase may not be low halogen.

Specifications

Intel® I225V Single Port 2.5GbE PCIe NIC

Part number	406L9AA
Dimensions	9.875 x 8.25 x 2.562 in (25.08 x 20.95 x 6.50 cm)
Weight	0.55lb (249gr)
Network interface	RJ-45
Network cable	PCI (Intel proprietary) + SMBus
Data rates supported	10/100/1000 Mbps, Half and full-duplex
Controller	Intel® Ethernet I225V Controller
LED indicators	Link/Activity LED (Green): Off = No Link, Solid = Link, Blinking = Activity Speed LED (Green/Amber): Off = 10Mbps, Green = 100Mbps, Amber = 1Gbps
Compliance	802.1p QoS (Quality of Service) Support 802.1q VLAN support 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable) 802.3az EEE (Energy Efficient Ethernet) 802.3i 10BASE-T 802.3u 100BASE-TX 802.3ab 1000BASE-T 802.3bz 2.5GBASE-T
Performance	TCP/IP/UDP Checksum Offload (configurable) Protocol Offload (ARP & NS) Large send offload and Giant send offload Receiving Side Scaling (hash mode only) Jumbo Frame 9K
Power consumption	Cable Disconnection: 25mW 100Mbps Full Run: 450mW 1000bp Full Run: 1000mW WoL Enable(S3/S4/S5): 50mW WoL Disable(S3/S4/S5): 25mW
Power management	ACPI compliant – multiple power modes Situation-sensitive features reduce power consumption Advanced link down power saving for reducing link down power consumption
Management interface	Auto MDI/MDIX Crossover cable detection
Operating temperature	32°F to 158°F (0°C to 70°C)
IT manageability	Wake-on-LAN from modern standby or sleep state (Magic Packet and Microsoft Wake-Up Frame); Wake-on-LAN from off (Magic Packet only) PXE 2.1 Remote Boot Statistics Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB (802.3x, clause 30)) Comprehensive diagnostic and configuration software suite Virtual Cable Doctor for Ethernet cable status
Compatibility	800 G8 SFF/TWR; 200 G8 MT/SFF
Warranty	One-year limited warranty
What is in the box?	Intel® I225V Single Port 2.5GbE PCIe NIC; Documentation

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