

# Intel I340-T4 Datasheet



Intel I340 Gigabit Quad RJ45 Port Ethernet Server Adapter, 4 Ports, RJ45, 10/100/1000, PCIe, 82580

I340-T4

Quad-port Gigabit Ethernet server adapter designed for multi-core processors and optimized for Virtualization & Unified Networking Environments.

Based on the new Intel® 82580 Gigabit Ethernet Controller, the Intel® Ethernet Server Adapter I340-T4 is Intel's fourth generation of PCIe\* GbE adapter. This adapter showcases the industry's first fully integrated quad-port PCIe\* Gen2 GbE controller, providing a smaller footprint and lower power dissipation. In addition, the Intel® Ethernet Server Adapter I340-T4 offers advanced features, including support for multi-core processors and server virtualization, as well as a scalable PCI Express\* Gen 2.0 interface. Intel's first eco-friendly halogen-free board combines low-power and cost for the best price/performance ratio in a quad-port solution available today.

Halogen-Free

Working to create a more environmentally sustainable future, Intel is pleased to introduce its first halogen-free Ethernet Server Adapter. The transition to halogen-free products is not government mandated, but driven by Intel's goal to eliminate the use of environmentally sensitive materials. The move to halogen-free products marks another step in our continual march toward minimizing the environmental footprint of Intel's products, processes, and technologies.

## Designed for Multi-Core Processors

This quad-port adapter provides high-performing, multi-port Gigabit connectivity in a multi-core platform as well as in a virtualized environment. In a multi-core platform, the adapter low halogen applies only to halogenated flame retardants and PVC in components. Halogens are below 1,000ppm bromine and 1,000ppm chlorine, supports technologies such as MSI-X, and Low Latency Interrupts that help accelerate data across the platform, improving application response times.

## Specifications

- Product Name: Intel® Ethernet Server Adapter I340-T4
- Product Code: E1G44HT, E1G44HTBLK
- Connector: RJ45
- Ports: Quad
- Cabling Type: Copper
- Bracket Height: Low Profile and Full Height
- Data rate supported per port: 10/100/1000Mbps
- Bus type: PCI Express 2.0 (5GT/s)
- Bus width: PCIe 4-lane, operable in x4, x8 and x16 slots
- Controller: Intel 82580
- Power consumption: 4.3W
- Physical Dimensions: 13.54cm x 6.89cm

For more specifications of Intel Ethernet Server Adapter I340-T4, pls visit below Intel website.

<https://www.intel.com/content/www/us/en/products/docs/network-io/ethernet/10-25-40-gigabit-adapters/ethernet-i340-server-adapter-brief.html>

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