

Intel 82599 Light Switching Module



Overview

□ Dual port 10 GbE device or Single Port device (82599EN) □ Serial Flash Interface □ 4-wire SPI EEPROM Interface □ Configurable LED operation for software or OEM customization of LED displays □ Protected EEPROM space for private configuration □ Device disable capability □. □ Dual port 10 GbE device or Single Port device (82599EN) □ Serial Flash Interface □ 4-wire SPI EEPROM Interface □ Configurable LED operation for software or OEM customization of LED displays □ Protected EEPROM space for private configuration □ Device disable capability □. a robust iSCSI remote boot implementation. Further, the Intel 82599 10 Gigabit Ethernet controller delivers a high performing FCoE solution that offloads the main ata paths for I/O read and write commands. It also greatly reduces CPU processing on FCoE receive traffic by eliminat-ing a data copy. Hello, I'm reaching out for assistance, hoping someone can guide me to a solution to get "Link detected: yes" on my network interface. Switch Side: The other end is a switch with a Linktel SFP, also 850nm. Cabling: Both SFPs are new, and the multimode fiber optic cable is also new.



Article Content

Aug 22, 2025

Intel 82599 10 Gigabit Ethernet Controller

Intel® 82599 10 Gigabit Ethernet Controller Transforming the data center through a reliable and unified 10GbE network PCI Express* 2.0, dual port 10 Gigabit Ethernet controller along with Intel® Xeon®

Jan 28, 2026

Re:Debian Intel Corporation 82599 10 Gigabit Network Connection ...

Network Card: Intel Corporation 82599 10 Gigabit Network Connection (rev 01) SFP Module: The server vendor recommended this SFP as compatible. ethtool -m enp1s0 shows:

Nov 28, 2025

Intel® 82599 10 GbE Controller Datasheet

The 82599 implements two serial management interfaces known as I2C Management Interfaces for the control and management of external optical modules (XFP and SFP+).

Aug 25, 2025

Intel 82599 10 Gigabit Ethernet Controller

Intel's third-generation 10GbE controller, the Intel® 82599 10 Giga-bit Ethernet controller continues to build on the innovative trends set by its predecessor and pushes the envelope even further.

May 31, 2026

Intel 82599ES, interfaces in RED with "no carrier"

Intel 82599ES, interfaces in RED with "no carrier" The system log (system -> log files -> general), under process "kernel" should reveal if the driver

Apr 12, 2026

Intel 82599 10 GbE Controller Datasheet

The 82599 is a derivative of previous generations of Intel 1 GbE and 10 GbE Network Interface Card (NIC) designs. Many features of its predecessors remain intact; however, some have been removed

Dec 08, 2025

Intel® 82599 10 GbE Controller Datasheet

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Mar 28, 2026

Intel® 82599 10 Gigabit Ethernet Controller Specification Update

The performance measured for the 82599 was captured in a board design as described in the Design Considerations section of the Intel® 82599 10 Gigabit Ethernet Controller Datasheet.

Mar 25, 2026

Intel® 10-Gigabit-Ethernet-Controller 82599 - Produktinformationen,...

Produkte für den Intel® 10-Gigabit-Ethernet-Controller 82599 anzeigen. Hier finden Sie Produktspezifikationen, technische Dokumentation, Downloads und Support und mehr von Intel.

Mar 20, 2026

Intel Ethernet Adapters and Devices User Guide

Intel® Ethernet adapters support iSCSI software initiators that are native to the underlying operating system tel® 82599 and X540-based adapters support iSCSI within a Data Center Bridging cloud.

Mar 30, 2026

Intel 82599ES ethernet controller and multi-rate gigabit over ...

I recently upgraded my pfSense firewall at home with a Silicom PE310G4SPI9LA PCIe card (2 x Intel 82599ES ethernet controllers), and while I had no trouble using a Twinax direct connect cable to

May 23, 2026

Intel® 10-Gigabit-Ethernet-Controller 82599

Produkte für den Intel® 10-Gigabit-Ethernet-Controller 82599 anzeigen. Hier finden Sie Produktspezifikationen, technische Dokumentation, Downloads und Support und mehr von Intel.

Sep 14, 2025

Intel® 82599 SR-IOV Driver Companion Guide

3 Intel® 82599 10 Gigabit Ethernet Controller SR-IOV Support This section will provide an overview of how 82599 handles such tasks as sorting packets for specific Virtual Functions, how resources are

Sep 24, 2025

Intel Ethernet Adapters and Devices User Guide

Intel® 82599 and X540-based adapters support iSCSI within a Data Center Bridging cloud. Used in conjunction with switches and targets that support the iSCSI/DCB application TLV, this solution can

Sep 08, 2025

Intel® 82599 10 GbE Controller Specification Update

Intel EEPROM images set the resend feature to off. Intel recommends that you do not change this setting. For details on completion timeout operation, refer to the Intel® 82599 10 GbE Controller

Apr 21, 2026

Intel 82599 Serie Ethernet-ICs Datenblätter – Mouser Deutschland

Intel 82599 Serie Ethernet-ICs sind bei Mouser Electronics erhältlich. Mouser bietet Lagerbestände, Stückpreise und Datenblätter für Intel 82599 Serie Ethernet-ICs.

Jul 09, 2025

Intel® 82599 10 Gigabit Ethernet Controller: Datasheet

Datasheet: This document describes the external architecture (including device operation, pin descriptions, register definitions, etc.) for the Intel® 82599, a dual

Oct 19, 2025

Intel® 82599 10 Gigabit Ethernet Controller

View products for Intel® 82599 10 Gigabit Ethernet Controller. Find product specifications, technical documentation, downloads and support and more from Intel.

Oct 10, 2025

Intel CorporationIntel® 82599EN 10 Gigabit Ethernet Controller

Intel's third-generation 10 GbE controller, the Intel® 82599 10 gigabit Ethernet controller continues to build on the innovative trends set by its predecessor. The Intel 82599 10 gigabit Ethernet controller is

Sep 19, 2025

Intel® 82599EB 2-Port-10GbE-I/O-Modul AXX10GBNIAIOM

Intel® 82599EB 2-Port-10GbE-I/O-Modul AXX10GBNIAIOM Kurzübersicht über Spezifikationen, Funktionen und Technik.

May 28, 2026

Intel CorporationIntel® 82599EN 10 Gigabit Ethernet Controller

The Intel 82599 10 gigabit Ethernet controller is a single-chip, dual-port 10 GbE implementation in a 25x25 mm package. It reduces bill of materials (BOM) cost and design complexity by integrating

Jul 31, 2025

Intel® 82599 10 GbE Controller Datasheet

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked

Apr 21, 2026

Solved: Network Card: Intel Corporation 82599 10

Switch Side: The other end is a switch with a Linktel SFP, also 850nm. Cabling: Both SFPs are new, and the multimode fiber optic cable is also new. I've

Nov 13, 2025

Intel® 82599 10 Gigabit Ethernet Controller: Datasheet

Datenblatt: Dieses Dokument beschreibt die externe Architektur (einschließlich Gerätebetrieb, Pin-Beschreibungen, Registerdefinitionen usw.) für den Intel® 82599, einen dualen 10

Contact Us

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