Synology®

Dual-Port 25GbE Adapter
E25G21-F2

Maximize Bandwidth for Heavy-Duty Applications

The Synology E25G21-F2 dual-port 25GbE SFP28 network adapter is designed to support large-scale deployments and high-throughput applications. It lets system administrators maximize the performance potential of compatible Synology NAS and IP-SAN.[1]

High-performance connectivity upgrade

The E25G21-F2 adapter gives you more connectivity options with support for SR and LR transceivers and DAC options. Dual 25GbE SFP28 ports help remove network bandwidth limitations, while backwards compatibility with 10GbE SFP+ equipment reduces installation and implementation costs. CPU offloading technologies reduce network transfer overhead on the host system's processor to boost system performance.

Highlights

- **High Bandwidth**
  Two 25GbE SFP28 ports support high-performance storage applications
- **Flexible SFP28 Options**
  Support for Optical SR, Optical LR, and DAC modules lets you optimize connectivity for distance or TCO
- **Built for Synology by Synology**
  Built and designed for maximum performance and reliability in Synology servers
- **Five-Year Warranty**
  Protected for longer with Synology's 5-year limited warranty[2]

Technical Specifications

Hardware

Host Bus Interface	PCIe 3.0 x8
Bracket Height	Low-profile and full-height
Size (Height x Width x Depth)	69 mm x 168 mm x 17.3 mm
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-5°F to 140°F)
Relative Humidity	5% to 95% RH
Warranty	5 years[1]

Network

IEEE Specification Compliance	• IEEE 802.3ae 10Gbps Ethernet • IEEE 802.3by 25Gbps Ethernet • IEEE 802.3ad Link Aggregation
Connector	SFP28
Data Transfer Rates	25 Gbps/10 Gbps
Network Operation mode	Full Duplex
Supported Features	• Auto-negotiation between 10Gb/s and 25Gb/s • Support for 1.5 to 9 KB Jumbo Frames • Offloaded storage over Ethernet • Non-offloaded storage over Ethernet • TCP/UDP Checksum Offloading • Large Send Offload (LSO) • Generic Receive Offload (GRO) • Generic Segmentation Offload (GSO) • TCP Segmentation Offload (TSO) • Receive Side Scaling (RSS) • Transmit Side Scaling (TSS)

Note: Model specifications are subject to change without advance notice. Please refer to www.synology.com for the latest information.

1. To see if a model is compatible, please check the **compatibility list**.
2. The warranty period starts from the purchase date as stated on your purchase receipt. Visit the **warranty legal page** for more information.