Synology®

Dual-Port 10GbE Adapter
E10G21-F2

Connectivity Boost for Bandwidth-Heavy Workloads

The Synology E10G21-F2 dual-port 10GbE SFP+ network adapter is designed to boost the throughput of compatible Synology systems.[1] Ideal for businesses looking to support growing numbers of users or more intensive workloads with increased bandwidth for storage operations.

Cost-effective upgrade for Synology NAS and IP-SAN

The E10G21-F2 adapter gives you more connectivity options with support for SR and LR transceivers and DAC options. Dual 10GbE ports help alleviate network bandwidth limitations and support Link Aggregation (network bonding) for increased resiliency in the face of network disruptions. CPU offloading technologies reduce network transfer overhead on the host system's processor to boost system performance.

Highlights

- **High Bandwidth**
  Two 10GbE ports support high-performance storage applications
- **Flexible SFP+ Options**
  Supports Optical SR, Optical LR, and DAC modules to 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 Gen 3.0 x8 (x4 link)
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[2]
Note	• Supports PCIe upconfigure to reduce link width to conserve power

Network

IEEE Specification Compliance	• IEEE 802.3ae 10 Gbps Ethernet • IEEE 802.3ad Link Aggregation
Connector	SFP+
Data Transfer Rate	10 Gbps
Network Operation Mode	Full Duplex
Supported Features	• 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.