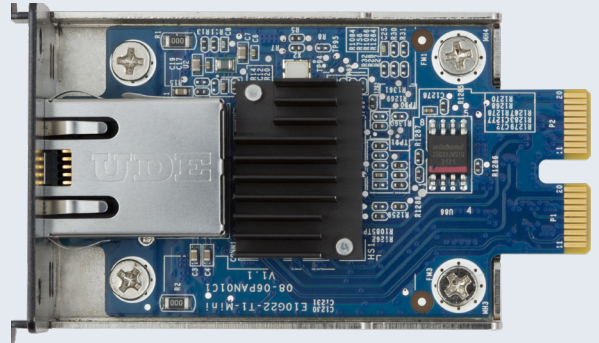# Synology®

10GbE
Network Upgrade Module

# E10G22-T1-Mini



## Connectivity Boost for Bandwidth-Heavy Applications

The Synology E10G22-T1-Mini Network Upgrade Module adds 10GbE RJ-45 connectivity to compatible Synology systems,[1] enabling small businesses and home users to maximize the performance potential of their deployments with high-performance network throughput.

### Cost-effective, space-saving bandwidth upgrade

The E10G22-T1-Mini instantly increases the bandwidth availability of Synology servers featuring compact-size enclosures,[1] eliminating network bottlenecks with simple installation and low implementation cost. Also compatible with 5/2.5/1 Gbps networks, the E10G22-T1-Mini easily integrates with any RJ-45 equipment.

### Highlights

- **High Bandwidth**
  Expands system capabilities with 10GbE connectivity to support higher resolution video editing, concurrent backup ingestion, and more
- **Flexible Integration**
  Supports 10/5/2.5/1GbE connections to work with nearly any RJ-45 network environment
- **For Synology by Synology**
  Designed for maximum performance and reliability in Synology systems

# Technical Specifications

## Hardware

| | |
|---|---|
| Expansion slot | Synology Network Upgrade Slot |
| Size (HxWxD) | 26.37 x 45.38 x 75.7 mm |
| LAN ports | 1 x 10GbE RJ-45 |
| Operating environment | • Temperature: 0°C to 40°C (32°F to 104°F)<br>• Relative humidity: 8% to 80% RH |
| Storage environment | • Temperature: -20°C to 60°C (-5°F to 140°F)<br>• Relative humidity: 5% to 95% RH |
| Warranty | 3 years[2] |

## Network

| | |
|---|---|
| IEEE specification compliance | • IEEE 802.3an 10GBASE-T 10 Gbps Ethernet<br>• IEEE 802.3bz NBASE-T 2.5/5 Gbps Ethernet<br>• IEEE 802.3ab 1000BASE-T 1 Gbps Ethernet<br>• IEEE 802.3u 100BASE-TX Fast Ethernet<br>• IEEE 802.3x Flow Control |
| Connector | RJ-45 copper |
| Data transfer rates | 10/5/2.5/1 Gbps/100 Mbps |
| Network operation mode | Full Duplex |
| Supported features | • Support for 9 KB jumbo frames<br>• TCP/UDP/IP checksum offloading<br>• Auto-negotiation between 10/5/2.5/1 Gbps and 100 Mbps<br>• Large Send Offload (LSO)<br>• Receive Side Scaling (RSS)<br>• Generic Receive Offload (GRO)<br>• Generic Segmentation Offload (GSO)<br>• TCP Segmentation Offload (TSO) |

Note: Specifications are subject to change without notice. Please refer to the adapter's specifications page for the latest information.

1. Only available on models equipped with a dedicated Network Upgrade Slot. To see if a model is compatible, please check our compatibility list.
2. The warranty period starts from the date of purchase as stated on your purchase receipt. Visit https://www.synology.com/company/legal/warranty for more information.