



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) • Relative humidity: 8% to 80% RH
Storage environment	• Temperature: -20°C to 60°C (-5°F to 140°F) • Relative humidity: 5% to 95% RH
Warranty	3 years ²

Network

IEEE specification compliance	• IEEE 802.3an 10GBASE-T 10 Gbps Ethernet • IEEE 802.3bz NBASE-T 2.5/5 Gbps Ethernet • IEEE 802.3ab 1000BASE-T 1 Gbps Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • 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 • TCP/UDP/IP checksum offloading • Auto-negotiation between 10/5/2.5/1 Gbps and 100 Mbps • Large Send Offload (LSO) • Receive Side Scaling (RSS) • Generic Receive Offload (GRO) • Generic Segmentation Offload (GSO) • 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.

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