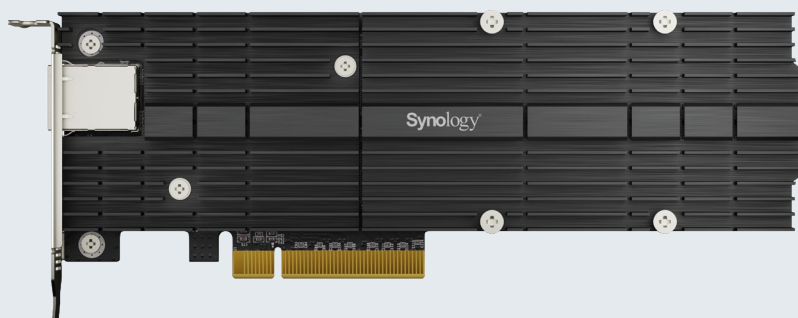# Synology®

M.2 SSD & 10GbE Combo Adapter
E10M20-T1

Boost in I/O Performance and Network Bandwidth

Synology E10M20-T1 is a combo adapter card that incorporates both M.2 SSD and 10GbE connectivity, providing an effective solution to simultaneously boost I/O performance and networking bandwidth. Synology E10M20-T1 comes with 5-year limited warranty.[1]

10GbE Bandwidth and M.2 SSD Cache, All at Once

Synology E10M20-T1 is the solution for those who seek for a boost in I/O performance and acceleration of network speed but with a limited number of PCIe slots. Simply by attaching E10M20-T1 to your Synology system, you can enjoy a high data rate up to 10Gbps Ethernet with the support for 5-speed auto-negotiation. Also, you can benefit from accelerated random I/O performance through its dual M.2 22110 and 2280 NVMe SSD slots.

Designed for Synology SNV3000 Series NVMe SSD

Easily gain a reliable and streamlined storage experience for your Synology systems by adding an E10M20-T1 with Synology SNV3000 series NVMe SSD. The E10M20-T1 is designed for the SNV3000 series SSD and supports both low-profile and full-height installations. This card allows you to take full advantage of the enterprise-grade endurance and performance of SNV3000 series NVMe SSD.

Highlights

- **Upgrade Your Synology System Immediately**
  Boost I/O performance and networking bandwidth simultaneously
- **10GbE Ready**
  Single 10GBASE-T port capable of auto-negotiating between 10/5/2.5/1Gbps and 100Mbps
- **NVMe SSD Enabled**
  Dual M.2 22110/2280 NVMe SSD slots for cache acceleration without occupying storage drive bays
- **Reach Optimal Caching Performance**
  Supports Synology SNV3000 series NVMe SSD with superior performance and reliability[2]

Technical Specifications

Hardware

Host Bus Interface	PCIe 3.0 x8
Bracket Height	Low-profile and full-height
Size (Height x Width x Depth)	71.75 mm x 200.55 mm x 17.7 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]

Storage

Storage Interface	NVMe
Supported Form Factor	M.2 22110/2280
Connector Type and Quantity	M-key, 2 slots

Network

IEEE Specification Compliance	• IEEE 802.3an 10GBASE-T 10Gbps Ethernet • IEEE 802.3bz NBASE-T 5/2.5Gbps Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3u 100BASE-Tx Fast Ethernet • IEEE 802.3x Flow Control
Connector	RJ45 Copper
Data Transfer Rates	10/5/2.5/1Gbps and 100Mbps
Network Operation Mode	Full Duplex
Supported Features	• 9 KB Jumbo Frame • TCP/UDP/IP Checksum Offloading • Auto-negotiation between 100Mb/s, 1Gb/s, 2.5Gb/s, 5Gb/s, and 10Gb/s

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

1. The warranty period starts from the purchase date as stated on your purchase receipt. Visit https://www.synology.com/company/legal/warranty for more information.
2. The E10M20-T1 is only compatible with Synology SNV3000 series NVMe SSD.