asustor

# AS-T10G3

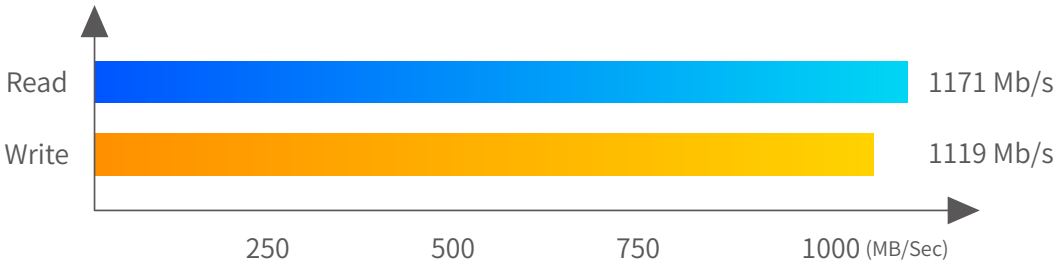
## 10GbE & M.2 NVMe SSD Combo Adapter

## SSD Caching and Storage with the Speed of 10GbE

Install the AS-T10G3 in a compatible ASUSTOR NAS with a PCIe 3.0 x4 interface to upgrade your NAS to 10GbE while also taking advantage of that speed with NVMe SSDs.

## It's Fast – 'Nuff Said

The AS-T10G3 brings read speeds of up to 1171 MB/s and write speeds of 1119 MB/s.*




## 8P8C RJ45 Connector

The 8P8C connector, also known as RJ-45, makes interoperability easy. With most consumer and professional network equipment outside of enterprise settings using 8P8C, the AS-T10G3 ensures that it is compatible with most 10-Gigabit Ethernet equipment with standard patch cables.

## It's Cool, In More than One Way

The AS-T10G3 comes with aluminum heatsinks and provides excellent heat dissipation to ensure the AS-T10G3 virtually any SSD can perform at their maximum performance.

*Test Environment: AS7116RDX, PC1 & PC2: Win 10, i7-4790, 24 GB (19 GB RAM DISK), Intel 545 Series SSD 128GB, NETGEAR ProSafe XS708T, Tested RAID level: RAID 5, 10GB file.

| | |
|---|---|
| **Hardware** | |
| Host Bus Interface | PCI Express Gen 3 x4 |
| Size (Height x Width x Depth) | 68.9 x 153.1 x 20.6 mm |
| Operating Temperature | 0 - 40 °C |
| Storage Temperature | -20 - 60°C |
| Relative Humidity | 5% to 95% RH |
| Warranty | 2 years |
| **Storage** | |
| Storage Interface | NVMe |
| Supported Form Factor | 2280 |
| Connector Type and Quantity | M-key, 2 slots |
| **Network** | |
| IEEE Specification Compliance | IEEE 802.3ab Gigabit Ethernet<br>IEEE 802.3bz 2.5Gbps / 5Gbps Ethernet<br>IEEE 802.3an 10Gbps Ethernet<br>IEEE 802.3u 100Base-TX<br>IEEE 802.3az Energy-Efficient Ethernet<br>IEEE 802.3x Flow Control<br>IEEE 802.1Q Tagged VLAN<br>IEEE 802.1Qav Audio Video Bridging(AVB)<br>IEEE 1588 v2 Precision Time Protocol (PTP) |
| Network Operation Mode | Full Duplex |
| Data Transfer Rates | 10Mb/s, 100Mb/s, 1Gb/s, 2.5Gb/s, 5Gb/s, and 10Gb/s |
| Supported Features | 16K Bytes Jumbo Frame  Large Send Offload (LSO)<br>Receive Side Scaling (RSS)<br>Direct Cache Access (DCA)<br>Header Checksum<br>Internet Control Message Protocol (ICMP)<br>Address Resolution Protocol (ARP)<br>Multi-cast Domain Name System (mDNS)<br>Transmission Control Protocol (TCP) Keepalives (KA)<br>Quality of Service (QoS)<br>TCP/UDP/IP Checksum Offloading |
| **Compatible Models** | |
| | AS6704T, AS6706T (Default Bracket)<br>AS6504RD, AS6504RS, AS6512RD, AS7112RDX (Compitable with Low-Profile Bracket)<br>AS7116RDX (Compitable with Full-Height Bracket) |
| **Package Contents** | |
| | AS-T10G3(Lockerstor-specific bracket preinstalled) x1,<br>Full-Height Bracket x1, Low-Profile Bracket x1 |

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