ComX Computers
Product Specification Sheet

AS6508T

Asustor AS6508T 8 bay 2.5" / 3.5" NAS

Product Overview

Asustor AS6508T 8 bay NAS, Intel Atom C3538 2.1GHz Quad-Core Processor, 8GB DDR4-2133 SO-DIMM Memory (Maximum 32GB via 2x 16GB), 8x 2.5" / 3.5" SATA or SSD, 2x M.2 PCIE (NVMe) or SATA SSD, Wake on LAN, Wake on WAN, MyArchive, SSD caching, Snapshot, EZ connect, EZ Sync, The Maximum channels supports : 64, 4 free lincense included, LCD panel, 2x 10 Gigabit (10G & 1G speed), 2x 2.5 Gigabit (2.5G & 1G speed), 2x USB 3.2 Gen 1, 4GB eMMC Flash Memory







Specifications

Overview:

Shift into overdrive with dual Intel 10GbE, M.2 SSD Cache and 2.5GbE!

- Intel Denverton-based Atom C3538 Quad-Core CPU
- 8GB DDR4-2133 SO-DIMM - 30% faster than DDR3
- Dual Intel 10-Gigabit Ethernet ports - Supports up to 20 Gbps under Link Aggregation
- Dual Realtek 2.5-Gigabit Ethernet ports - Supports up to 5 Gbps under Link Aggregation
- Supports 8x 3½" SATA hard drives
- Dual M.2 NVMe SSD ports for fast caching
- Supports an extra 128 TB with the AS6004U
- Thumbscrews for easy M.2 SSD installation

- Supports Wake on LAN and Wake on WAN
- Efficient cooling design

Features:

Dual 10 and 2.5 Gigabit ports. Faster than ever.

The all new Lockerstor series of NAS feature dual Intel 10-Gigabit Ethernet ports as well as dual Realtek 2.5-Gigabit Ethernet ports. With a managed switch that supports multiple speeds, take advantage of up to 20 gbps of speed with both 10-Gigabit ports or up to 5 gbps on both 2.5-Gigabit ports.

*Two Cat 6a and two Cat 5e cables included in box.

SSD Speeds for Hard Drive Prices - SSD Caching

The recently updated ADM features an updated Linux Kernel and additional performance enhancements. The Lockerstor series introduce M.2 PCIe NVMe SSD caching increasing performance.

1. Lockerstor NVMe SSD caching increases performance by up to 60%.

2. Lockerstor NVMe SSD caching is faster than if all bays were filled with SATA SSDs while remaining cheaper.

With dual 10-Gigabit Ethernet, bottlenecks on NVMe SSDs have been lifted, making the Lockerstor one of the fastest NAS devices ever.

Eight Bays with Flexible M.2 SSD Caching

The AS6508T is a cost-effective large capacity NAS designed for enterprise environments. The AS6508T supports online capacity expansion, allowing for the flexible purchase of enterprise storage equipment. When your budget and storage requirements are smaller, you can purchase a smaller number of hard disks. Additional disks can be purchased as your storage requirements grow. Combined with ASUSTORs MyArchive storage technology, this allows you to effectively achieve unlimited storage.

Powerful and high efficient cooling design

The Lockerstor utilizes PWM fans with smart speed controls and heatsinks with push-pin mounting to achieve optimal airflow, enhancing stability and maintaining high performance even under high loads.

The Lockerstors improved design features improved heatsinks that are taller than previous models to ensure even more efficient cooling and heat dissipation.

Easily upgrade memory by opening the chassis.

The Lockerstor comes with 8 Gigabytes of DDR4 RAM and can be upgraded up to 32GB. DDR4 RAM provides up to 30% greater performance than DDR3 while also lowering energy requirements by 40%.

24/7 Reliability and Durability

All ASUSTOR NAS are designed for and are suitable for 24/7 use. ASUSTOR NAS devices have also undergone rigorous tests, such as drop tests and burn tests to test durability in extreme conditions. Heatsinks were added to sensitive components to dissipate heat, helping to maintain the longevity of the device.

Specifications:

CPU	
CPU Model	Intel ATOM C3538
CPU Architecture	x64 64-bit
CPU Frequency	Quad Core 2.1GHz
Memory	
Memory	8GB SO-DIMM DDR4
Memory Module Pre-installed	8GB (1 x 8GB)
Total Memory Slots	2
Memory Expandable up to	32GB (2 x 16GB)

Flash Memory	4GB eMMC
Storage	
HDD	8 x SATA3 6Gb/s, 3.5"/2.5" HDD/SSD
M.2 Drive Slots	2x M.2 PCIe (NVMe) or SATA SSD for SSD Caching
	*Support M.2 2280, 2260 and 2242.
Maximum Internal Raw Capacity	128 TB (16 TB HDD X 8, Capacity may vary by RAID types)
Maximum Drive Bays with Expansion Unit	16
Maximum Raw Capacity with Expansion Units	256 TB (16 TB HDD X 16, Capacity may vary by RAID types)
External Ports	
Expansion	USB 3.2 Gen 1 x 2
Network	10 Gigabit Ethernet x 2, 2.5 Gigabit Ethernet x 2
HDMI Output	N/A
Others	
System Fan	120mm x 2
LCD Panel	Yes
Power Supply Unit / Adapter	250W x1
Input Power Voltage	100V to 240V AC
Certification	FCC, CE, VCCI, BSMI, C-TICK
Operation	
Power Consumption	66.9W (Operation)
	37.2W (Disk Hibernation)
Noise Level	22dB (HDD idle)
Operation Temperature	0 degreesC~40 degreesC (32 degreesF~104 degreesF)
Humidity	5% to 95% RH
Size and Weight	
Size	215.5(H) x 293(W) x 230(D) mm
Weight	6.2 (kg) / 13.67 (lb)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/AS6508T-Asustor-AS6508T-8-bay-2-5-3-5-NAS-p-237406.php

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