ComX Computers
Product Specification Sheet

AS3302T

Asustor Drivestor 2 Pro AS3302T 2 Bay Tower NAS

Product Overview

Asustor DriveStor 2 Pro AS3302T 2 bay Tower NAS, 1.4GHz Quad Core, 2GB RAM DDR4, 8GB eMMC Flash Memory, 2x 3.5" SATA Hard Disk Drive or 2.5" SATA Hard Disk Drive, 3x USB 3.2 Gen 1, 1x 2.5 Gigabit Ethernet (2.5G/1G/100M)





Specifications

Overview:

DRIVESTOR 2 Pro (AS3302T) - Affordable personal cloud bringing high speeds for individuals and families.

- Realtek RTD1296 Quad-Core 1.4 GHz CPU
- Uses 2 GB DDR4 - 40% more efficient
- Superfast 2.5-Gigabit Ethernet
- Enjoy, download, upload and stream content with 4K transcoding.
- Supports Wake on LAN and Wake on WAN
- New Rose Gold logo
- Tool-free installation

Features:

All New Hardware - Same Great Case

- 2.5-Gigabit Ethernet - More than twice the performance of Gigabit
- Realtek RTD1296 Quad-Core CPU at 1.4Ghz
- DDR4 RAM - 40% more efficient
- High performance, 4K decoding
- Supports Wake on LAN and Wake on WAN

Holistic Backup Solution

- Phone backup
- PC backup
- NAS data preservation
- Cloud to NAS backup
- NAS to NAS backup

- USB backup

Brand-New ADM 4.0
ADM 4.0 is here and brings a whole host of intuitive design changes to ADM OS. The upgraded UI brings a new aesthetically-pleasing dark mode that helps to save and preserve OLED displays. ADM 4.0 introduces a new login page that contains a variety of customizable elements, a more convenient and easier-to-use quick search feature and new custom themes. Under the hood, ADM 4.0 brings improvements to performance, compatibility and security as the new version of OpenSSL plugs vulnerabilities found in previous versions, increasing security while efficiency improvements bring better performance.

Rose Gold Coloring
The all-new Rose Gold Logo is elegant and distinct, enabling easy distinction between ASUSTOR NAS models.

Realtek Quad-Core CPU and DDR4 RAM
The Drivestor 2 Pro and Drivestor 4 Pro are equipped with a Realtek RTD1296 1.4GHz Quad-Core 64-bit CPU. Transcode, stream and play multimedia in 4K, transfer files and easily multitask with the Drivestor Pro series. The Drivestor Pro handles multitasking with ease by utilizing its 2 GB of DDR4 memory ensuring that virtually any task on an ASUSTOR NAS is executed smoothly.

Efficient and Powerful
The Drivestor 2 Pro and 4 Pro are ASUSTORs highest value devices ever. Transcode 10-bit 4K H.265 media with hardware decoding easily that enables unbelievably smooth video playback in LooksGood.

Media Mode
The Drivestor 2 Pro and 4 Pro come with 2 GB of memory. Media Mode is a new feature that efficiently reserves 512 MB of RAM for multimedia tasks as a variety of tasks require large amounts of RAM. With dedicated RAM for multimedia, video playback remains smooth and is not interrupted by other tasks.

2.5-Gigabit Ethernet - Double Speed
The Drivestor 2 Pro, despite being extremely affordable contains 2.5-Gigabit Ethernet and more than doubles the performance of comparable Gigabit-class devices.

Tool-free Installation
ASUSTORs Driverstor Pro series introduces its new tool-free caddies as a way to simplify installation of hard drives. Each NAS comes included with brackets to install the drive easily. On the Driverstor Pro series, hot-swapping of hard drives is supported, allowing you to change hard drives easily without powering down the NAS.

Free exFAT
exFAT is now supported free of charge in ADM 4.0 due to a policy change by Microsoft.

Silent and Efficient
The Drivestor 2 Pro and 4 Pro emit only 19 decibels of sound with SSDs ensuring that the NAS remains inaudible even when recording for content creation.

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.

Protected From the Inside and Out
Protect your data from loss, damage and attacks with the Drivestor 2 Pro. A Drivestor 2 Pro is better protected by running the Linux-based ADM, employing a built-in firewall, ClamAV Antivirus, MyArchive and ADMs various backup tools help protect ransomware even better.

Comprehensive Backup Solutions
ASUSTORs comprehensive backup solution provides more than twelve backup options, including, but not limited to Amazon S3, Dropbox, Google Drive, and OneDrive. ASUSTOR Backup Plan for Windows as well as Time Machine for macOS provides easy backups for desktops and laptops.

Unlimited Capacity Expansion
MyArchive cold storage technology turns NAS hard drives into removable storage archive drives. Directly insert a MyArchive hard drive into a free bay inside your NAS to easily access, backup and share terabytes of content.

Web Center
Easily set up a website with Web Center. Install Apache or Nginx or almost any other web server implementation and add multiple website portals for an easy-to-use web server experience.

Protected From Ransomware
The Drivestor comes with the most up-to-date version of ADM to help protect against ransomware attacks. Snapshot Center provides the ability to efficiently create snapshots to protect and easily restore lost data. Other security features found on the Drivestor are the ability to create one or more replacement administrator accounts, a firewall by ADM Defender that features blacklists and whitelists, the ability to change default ports, disable SSH and Terminal to prevent remote attacks. MyArchive cold storage hard drive security can also be increased by implementing AES 256bit encryption.

Photo Gallery 3 + AiFoto 3.0
The all new Photo Gallery 3 and AiFoto 3 have been revamped and brings a variety of new features to make photo organization easier than ever. New features for Photo Gallery 3 include, but not are limited to custom folder selection, timelines, smart albums, and new photo modes. Easily blow up photos to up to twice their size, play songs on slideshows, performance enhancements and customized share links make for an even better photo viewing and sharing experience.

ASUSTOR EZ Sync
ASUSTOR EZ Sync about this

1. All new UI. Simpler and easier to operate. View NAS information quickly.
2. More complete settings - offering detailed folder lists. Easily select folders and files not in a folder.
3. Notifications for abnormal status
4. Support 2-step verification increase account safety.
5. Improve NAS connecting and file sync system stability for better user experience.

Cloud Backup Center
Cloud Backup Center brings support for various business cloud services including, but not limited to Amazon S3, Backblaze B2, Baidu Cloud, IBM Cloud, Rackspace Cloud Files, Microsoft Azure Blob Storage and Alibaba Cloud. Control your data with instant and scheduled backups as well as using Cloud Backup Center to create a hybrid cloud that keeps your data online and offline, keeping your data protected.

DataSync Center
DataSync Center combines multiple cloud services into a single app. DataSync Center includes, but is not limited to Google Drive, Dropbox and OneDrive and supports multitasking as well as multiple accounts. Control your data with instant and scheduled backups as well as using Cloud Backup Center to create a hybrid cloud that keeps your data online and offline, keeping your data protected.

Create the Ultimate Home Multimedia Center
Enjoy electrifying digital entertainment on demand with ASUSTOR NAS. Through ASUSTOR's App Central, you can install additional multimedia server Apps such as UPnP Media Server and OwnTone giving your NAS the ability to stream multimedia content to your computers, TVs and mobile devices.

Mobile Apps

ASUSTORs exclusive EZ Connect technology allows you to connect to your NAS from anywhere with your Mobile device in order to access and share your files. ASUSTOR mobile apps provide pass code lock functions in order to protect your privacy and data. You can also make use of HTTPS connections for even more added security.

Comprehensive Surveillance System
An ASUSTOR NAS provides optimal reliability for home and small business users looking to set up a surveillance system. Four free camera channels are offered, making it an extremely cost-effective surveillance solution for those looking to protect their home or small business. ASUSTOR provides each NAS with the capability to expand to more cameras for those with bigger demands. Up to 25 camera channels can be purchased through camera licenses. After installing Surveillance Center and its corresponding mobile app AiSecure, stream live surveillance feeds to virtually any internet-connected Android or iOS smartphone to keep an eye on your most valued assets from anywhere, inside or outside.

App Central
Unleash the unlimited potential of ASUSTOR NAS. The applications that come pre-installed with each ASUSTOR NAS device are just the beginning. At your convenience, you can browse through and download any applications that pique your interest from App Central. Whether your interests lie in business, website construction or even digital home entertainment, App Central has got you covered. With over 200 unique Apps, App Central provides you with the boundless variety of applications that you require to satisfy your digital lifestyle needs. Explore the unlimited potential of ASUSTOR NAS devices while creating a personalized NAS device for yourself.

Specifications:

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Specifications	
Product Code	AS3302T
Hardware Specifications	
CPU	
CPU Model	Realtek RTD1296
CPU Architecture	ARM64 64-bit
CPU Frequency	Quad-Core 1.4GHz
Memory	
Memory	2GB DDR4
Memory Expandable up to	not expandable
Flash Memory	8GB eMMC
Storage	
Drive Bays	2
Compatible Drive Type	3.5" SATA HDD
	2.5" SATA HDD
	2.5" SATA SSD
Maximum Drive Bays with Expansion Unit	14
External Ports	

Expansion	USB 3.2 Gen 1 x 3
Network	2.5 Gigabit Ethernet (2.5G/1G/100M) x 1
HDMI Output	N/A
Others	
System Fan	70mm x 1
Power Supply Unit / Adapter	65W x1
Input Power Voltage	100V to 240V AC
Certification	FCC, CE, VCCI, BSMI, C-TICK, KCC, BIS, CCC
Operation	
Power Consumption	12.3W (Operation) 6.04W (Disk Hibernation)
Noise Level	18.6dB (HDD idle)
Operation Temperature	0 degreesC~40 degreesC (32 degreesF~104 degreesF)
Humidity	5% to 95% RH
Size and Weight	
Size	170(H) x 114(W) x 230(D) mm
Weight	1.6kg / 3.53 lbs
Software & Features	
General Specifications	
Supported OS	Windows XP, Vista, 7, 8, 10, Server 2003, Server 2008, Server 2012, Server 2016, Server 2019
	macOS
	UNIX, Linux, and BSD
Supported Browsers	Firefox
	Chrome
	Safari
	Microsoft Edge
Network	
Network Protocols	CIFS / SMB, SMB 2.0 / 3.0, AFP, NFS, FTP (Unicode Supported), TFTP, WebDAV, Rsync, SSH, SFTP, iSCSI/IP-SAN, HTTP, HTTPS, Proxy, SNMP, Syslog
Connection and transmission	TCP/IP (IPv4 & IPv6)
	Link Aggregation: 0
	Jumbo Frame (MTU)
	VLAN
	EZ Connect
	Wireless Network
	DDNS and EZ-Router Supports Wake-on-LAN (WOL) Supports Wake-on-WAN (WOW)
File Management & Sharing	

File System	Internal Disk: EXT4
	External Disk: FAT32, NTFS, EXT3, EXT4, HFS+, exFAT
File Explorer	Web-based File Management
	ISO File Mounting
	Share Links
	Task Monitor
	Browse Files on Local PC
	Thumbnail Previews
	Data Access via External Optical Drive
	Supports video playback
Network Recycle Bin	Share folder-based
	Maintains original directory structure and file permission
	On-click restore
	Supports scheduled emptying
	Filtering rules
	1. File size
	2. File extension
	Deletion Settings
	1. File size
	2. File date
Storage management	
RAID	Volume Type: Single, JBOD, RAID 0, RAID 1
	Support for Online RAID Level Migration
MyArchive	Hot swappable design enables easy transfer or exchange of high amounts of data
	Works on any empty bay on an ASUSTOR NAS
	File system support: EXT4, NTFS, HFS+, exFAT
	Supports AES 256-bit encryption on EXT4
	Supports decryption with a USB key
iSCSI/IP-SAN	Maximum Targets: 256
	Maximum LUNs: 256
	Maximum Snapshot Versions of a Single LUN: 256
	Target Masking
	LUN Mapping
	ISO File Mounting
	Supports MPIO
	Persistent (SCSI-3) Reservations

Disk Management	Scheduled Bad Block Scans
	Scheduled S.M.A.R.T Scans
Access & Security	
Access Control	Maximum Number of Users: 4096
	Maximum Number of Groups: 512
	Maximum Number of Shared Folders: 512
	Maximum Number of Concurrent Connections: 512
	Supports Windows Active Directory
	Supports Windows Active Directory / LDAP
ACL	Provides both Windows ACL and Linux ACL permission configuration methods
	Can enable Windows ACL for specific shared folders
	Comprehensive support for Windows' 13 types of advanced permission settings
	Can view Windows ACL permission settings from within ADM
	Supports local users and groups
	Exclusive permission reset function allows users to quickly restore default permissions
System Administration	Log Type: System Log, Connection Log, File Access Log
	Real-time Online User Monitor
	Real-time System Monitor
	User Quota
	Virtual Drive (ISO Mounting, Maximum 16)
	UPS Support
Security	AES 256-Bit Encryption
	Firewall: Prevent Unauthorized Access
	Alert Notifications: E-mail, SMS
	Encrypted Connections: HTTPS, FTP over SSL/TLS, SSH, SFTP, Rsync over SSH
	Built-in Hardware Encryption Engine: AS10 / 11 / 31 / 32 / 33 / 40 / 52 / 53 / 6 / 61 / 62 / 63 / 64 / 65 / 66 / 70 / 71 Series
Network Defender	Auto black list
	Trusted list
	Black/White list
	Supports IP/IP range/geolocation
Backup	
Backup Solutions	Rsync (Remote Sync) Backup
	Cloud Backup
	FTP Backup
	External Backup
	EZ Sync

Snapshots	iSCSI Snapshots
	Support up to 256 snapshots
Others	
ASUSTOR Hightlight	System Migration
	EZ Connect
	Dr.ASUSTOR
	2-way Backup
	Task Monitor
Eco-Friendly Design	Auto-Standby for Both Internal and External Disks
	Auto Fan Control
	LED Night Mode
	Power Schedule: On, Off, Restart
Energy Control	Configurable Disk Hibernation Wait Time

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/AS3302T-Asustor-Drivestor-2-Pro-AS3302T-2-Bay-Tower-NAS-p-262047.php

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