

## Asustor NIMBUSTOR 2 AS5402T Gen2 NAS



Intel Celeron N5105 (4×2GHz), 4GB, DDR4 - SODIMM, beépíthető  
meghajtók száma: 6db, 2,5" / 3,5" / M.2 2280, SATA3 / PCIe NVMe , M.2:  
4db, RAID: RAID 0, 1, 5, 6, 10, JBOD, USB-A 3.2 Gen2×1: 3db, HDMI  
kimenet: 1db, LAN (2,5Gb/s): 2 port, fekete

Cikkszám: AS5402T

Ár:  
**198 880 Ft**

### Hardware Specifications

CPU	CPU Model	Intel Celeron N5105
	CPU Architecture	x64 64-bit
Memory	CPU Frequency	Quad-Core 2.0GHz (burst up 2.90 GHz)
	Memory	4GB SO-DIMM DDR4
	Memory Module Pre-installed	4GB (1x 4GB)
	Total Memory Slots	2
Support mixed capacity	Memory Expandable up to	16GB (2x 8GB)
	Flash Memory	8GB eMMC
Storage	Drive Bays	2
	M.2 Drive Slots	4
	Compatible Drive Type	3.5" SATA HDD
		2.5" SATA HDD
		2.5" SATA SSD
		M.2 2280 NVMe
	Maximum Drive Bays with Expansion Unit	14

	Supports Hot Swappable Drives	
External Ports	Expansion	3x USB 3.2 Gen 2x1
	Network	2x 2.5 Gigabit Ethernet (2.5G/1G/100M)
	Multimedia Output	1x HDMI 2.0b
Others	System Fan	1x 70mm
	Infrared Receiver	
	Power Supply Unit / Adapter	65W x1
	Input Power Voltage	100V to 240V AC
	Certification	FCC, CE, VCCI, BSMI, C-TICK, KCC, BIS, CCC, UKCA
	Warranty	3 Years
Operation	Power Consumption	22.9 W (Operation); 12.7 W (Disk Hibernation); 0.71 W (Sleep Mode)
	Noise Level	18.6dB (HDD idle)
	Operation Temperature	0°C~40°C (32°F~104°F)
	Humidity	5% to 95% RH
Size and Weight	Size	170 (H) x 114 (W) x 230 (D) mm
	Weight	1.71 kg / 3.77 lb
Software & Features		
General Specifications	Supported OS	Windows 7, 8, 10, 11, Server 2008, Server 2012, Server 2016, Server 2019, Server 2022 macOS UNIX, Linux, and BSD
	Supported Languages	Deutsch, English, Français, Italiano, Nederlands, ???????, ???, ??, ?????, ?????, Česká, Polski, Svenska, Dansk, Norsk, Suomi, Portugues, Türkçe, Espanol, Magyar, ???????
	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: Supports 802.3ad and Six Other Modes for Load Balancing and/or Network Failover Jumbo Frame (MTU) VLAN EZ Connect

## Wireless Network

DDNS and EZ-Router Supports Wake-on-LAN (WOL) Supports Wake-on-WAN (WOW)

### File

Management File System Internal Disk: EXT4 ,Btrfs

### & Sharing

External Disk: FAT32, NTFS, EXT3, EXT4, HFS+, exFAT ,Btrfs

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

Volume Volume Type: Single, JBOD, RAID 0, RAID 1  
Support for Online RAID Level Migration  
Support for Online RAID Capacity Expansion

M.2 Volume Support Multiple Volumes with Spare Drives  
M.2 Volume: Single, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10  
Support for RAID Level Migration  
Support for RAID Capacity Expansion

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+, Btrfs and exFAT  
Supports AES 256-bit encryption on EXT4 and Btrfs  
Supports Btrfs snapshots  
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

SSD Cache SSD-like performance with traditional hard drives  
Supports read-only access and read-write cache mode

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

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  
One Touch Backup  
EZ Sync

Snapshots Btrfs Snapshots  
256 snapshots  
iSCSI LUNs

Others ASUSTOR Highlight System Migration  
EZ Connect  
Dr. ASUSTOR  
2-way Backup  
Task Monitor

Eco-Friendly Design System Automatically Enters Sleep Mode (Schedule S3)  
Auto-Standby for Both Internal and External Disks  
Auto Fan Control  
LED Night Mode  
Power Schedule: On, Off, Restart, and Sleep

Energy Control	Configurable Disk Hibernation and Sleep Mode Wait Time	
	Configurable Time Period for Sleep Mode Activation Automatic Sleep	
Featured Apps		
Official ASUSTOR Apps	Antivirus (ClamAV)	<p>Scheduled Scans</p> <p>Automatic Virus Definition Updates Quarantine Infected Files</p>
	ASUSTOR Portal(HDMI Local Output)	<p>Support Firefox browser Power Control Settings: Power on, Sleep, Restart and Wake via Remote Customizable ASUSTOR Portal Desktop Wallpaper Add Shortcuts to Favorite Websites Increased TV Compatibility via Overscan and Resolution Settings Maximum Resolution:</p> <p>ASUSTOR Portal comes preloaded with Netflix and Youtube. Users can install the supplementary URL-Pack to get access to even more popular video streaming sites such as Plex, Vimeo and Youku. After installing URL-Pack-Social, users will be able to choose between social media sites such as Facebook, Twitter, Linkedin, Pinterest, Hangouts, Telegram, Snapchat and Instagram.</p>
VirtualBox	<p>Virtual Machines are Able to run the Following Operating Systems: Windows, Linux, Solaris, macOS Virtual Machine Import Format: OVF Virtual Machine Export Format: OVF 0.9, OVF 1.0, OVF 2.0 Virtual Machine Snapshots Physical NAS Network Port can be Designated for use by Specific Virtual Machine</p>	
Linux Center	<p>Integrating NAS operating system with Linux Easy installation with just one click HDMI output on command</p>	
Download Center	<p>Supports BT(Torrent &amp; Magnet Link), HTTP and FTP Downloads</p> <p>Torrent Search Choose Files Before a BT Task Starts Customizable Download Schedule Bandwidth Control RSS Subscription and Automatic Downloading (Broadcatching) ASUSTOR Download Assistant for Windows &amp; Mac AiDownload for Android with Push Notification Smart Download Function</p>	
Cloud Backup Center	<p>Support Amazon S3, Backblaze B2, Microsoft Azure Blob Storage, Alibaba Cloud, Baidu Cloud, IBM Cloud and Rackspace Cloud Files, SFTP, WebDAV, Box, hicloud S3, Google Cloud Storage Immediate or scheduled backup Perform multiple backup tasks and back up multiple accounts</p>	
DataSync	Support OneDrive, OneDrive Business, Google Drive, Dropbox, and Baidu	

Center	<p>Wangpan,Yandex</p> <p>Supports file filter and bandwidth limitation</p> <p>Supported backup methods:</p> <p>Sync</p> <p>Directly upload files to Cloud from NAS</p> <p>Directly download files from Cloud to NAS</p>
FTP Explorer	<p>Directory Structure View with Drag &amp; Drop Transfers</p> <p>Task Monitor</p> <p>Stopping of Transmission Task &amp; Resumption of Connection</p> <p>Encrypted Connections: Explicit over TLS, Implicit over TLS</p> <p>FTP Site Manager</p> <p>Bandwidth Control</p> <p>Maximum Simultaneous Transfer Control</p>
HiDrive	<p>Each ADM Account is Able to Individually Log in to One HiDrive Account</p> <p>Supported Backup Methods:</p> <p>Directly Upload Files to HiDrive from NAS</p> <p>Directly Download Files from HiDrive to NAS</p> <p>Supported Protocols:</p> <p>Rsync</p> <p>FTP</p> <p>FTPS</p> <p>SFTP</p> <p>Rsync + SSH</p>
LooksGood	<p>Built-in three main video library categories; movies, TV shows, home movies and smart video sorting management</p> <p>Efficient global search function allows for searches by keywords followed by the execution of more detailed searches for the purpose of finding categories of movies, TV shows, home movies and parameters such as actors, director, year, genre, writer and title</p> <p>Attractive poster wall and thumbnail display</p> <p>Automatic production of video poster thumbnails</p> <p>Centralized management and ability to configure order of favorites and playlist history</p> <p>System administrator is able to configure video library and editing permissions according to user preferences</p> <p>Can configure access permissions to share with friends and family</p> <p>Multimedia conversion feature</p> <p>Self-defined smart folder for video conversions</p> <p>Easy Streaming with Chromecast and DLNA</p> <p>Supports playback of videos in Apple TV via AiVideos tvOS version</p>
Mail Server	<p>Each ADM Account can Become an Independent Email Account</p> <p>Email Activity Monitor (Over 1 Week, 1/3/6 Months)</p> <p>Provides SMTP, IMAP and POP3 Mail Protocols</p> <p>Supports SMTP Relay and Verification</p> <p>SMTP-SSL Secure Connections</p> <p>Spam Filter and Black List Settings</p> <p>Antivirus Scanning for Emails</p> <p>Email Alias Creation and Mapping</p> <p>Monitoring of Mail Queue</p> <p>Mail Service Activity Log</p> <p>Exclusive Email Backup Mechanism</p> <p>Auto-Forwarding and Auto-Response Protocols</p>
Photo Gallery 3	<p>Quickly find and view photos from a specific date in Photo Gallery 3's timeline.</p> <p>Photo Gallery 3 sorts your photos in a smarter way. Smart albums found in Photo Gallery 3 include places, videos, recently added, favorites and duplicates.</p> <p>Supports two methods to share photos: share links to other NAS users or to friends</p>

Supports two methods to share photos, share links to other NAS users or to friends and family. All shared albums have optional encryption to protect sensitive information. Easily understand photo metadata as well as edit photo descriptions to make photo identification easier.  
Easily find photos by keyword search.

## Surveillance Center

Up to 44 channels in 720p on single live view display  
On-screen camera controls including camera PTZ, manual recordings, take snapshots, configure camera settings and open Maps  
Up to 4 channels of synchronous and non-synchronous playback with audio  
Intelligent video analytics including motion detection and foreign object detection  
Supported Browsers: Microsoft Edge, Firefox, Chrome  
Event notification supports SMS, E-mail, and mobile push notification  
Automated event action rules  
Role-based access control  
RTSP streaming server (video and audio)  
AiSecure mobile app for iOS and Android with Push notification  
ONVIF Profile S, T supported  
CMS Lite supports connect up to 256 IP Cameras from 32 NAS  
Two different camera license packages are offered: single channel and 4 channels.  
Maximum IP Cam (4 Free Camera Licenses; Additional Licenses to be Purchased)

Minimum PC Client Requirements  
CPU: Intel i5/i7 or above  
RAM: DDR3 4G or above  
Operating system Windows 7 and onward  
Windows browsers: Microsoft Edge, Chrome, Firefox  
Display resolution: 1280x800 pixels or higher for best user experience  
Network interface: Gigabit x1  
Independent graphics card is highly recommend

SoundsGood Import Personal/Public Music Collection  
Personal/Public Music Collection Permission Control  
Playlist Editor  
ID3 Tag Editor  
Local Speaker Support: HDMI, USB  
Supported Audio Formats for Browser: MP3, WAV, Ogg  
Supported Audio Formats for Transcoding Through Browser: AIFF, Flac  
Supported Audio Formats for Local Speaker: MP3, WAV, Ogg, AIFF, Flac  
ASUS DAC Support

Takeasy Download from YouTube, Vimeo, Twitch and More  
Selectable Video Type and Quality  
Automatic Downloads with Twitch Subscriptions  
Preview Downloads in Progress  
Online Playback

UPnP Media Server Supports PS3 and other Digital Media Player Capable Devices  
Supports On-The-Fly Transcoding for Most RAW Images and Audio(OGG, FLAC)  
Supported Image Formats: BMP, GIF, ICO, JPG, PNG, PSD, TIF, RAW Image  
  
(3FR, ARW, CR2, CRW, DCR, DNG, ERF, KDC, MEF, MOS, MRW, NEF, NRW, ORF, PEF, RAF, RAW, RW2, SR2, X3F)

VPN Client Supported VPN Protocols: PPTP, OpenVPN, WireGuard VPN (ADM 4.2 Onwards)  
Transmission Package Monitor  
PPTP Authentication: PAP, CHAP, MS CHAP, MS CHAP2  
PPTP Encryption: No MPPE, MPPE (40, 128 bit), Maximum MPPE (128 bit)

	OpenVPN Port Control OpenVPN Link Compression
VPN Server	Supported VPN Protocols: PPTP, OpenVPN, and L2TP/IPsec View Current Connections & Ability to Disconnect Suspicious Connections Comprehensive Connection Log
RADIUS Server	Centralized management of wireless network certification  Using WPA-Enterprise or WPA2-Enterprise encryption Must be combined with a wireless router that supports RADIUS authentication
SNMP Server	Supports SNMP v1, v2c, v3 and trap ASUSTOR NAS MIB provided
Syslog server	Supports standard syslog protocol Graphical log monitoring by time and device Supports TCP and UDP Auto log archiving User-defined email notification
belső meghajtó fájlrendszer	EXT4
ingyenes kamera licenc	4
külső meghajtó fájlrendszere	FAT32;NTFS;EXT4;EXT3;exFAT;HFS+;Btrfs
LAN (2,5Gb/s)	2
támogatott operációs rendszerek	Windows 8;Windows 7;Windows 11;Windows 10;Windows
USB-A 3.2 Gen2×1	3
USB3.2 Gen2×1 A	3
Gyártó	Asustor
ALZA XML készlet és ár riport	Van
Backup	Rsync (Remote Sync) Backup;Cloud Backup;External B
beépítési méret	2,5" / 3,5" / M.2 2280
beépíthető meghajtók száma	6
belső csatlakozó	SATA3 / PCIe NVMe
biztonság	AES 256-Bit Folder Encryption;Firewall: Prevent Un
fogyasztás	22,9
hálózati protokoll	SMB 2.0;SMB 3.0;AFP;CIFS/SMB;TFTP;FTP;WebDAV;Rsync
M.2 foglalat	4 db
memória foglalat típusa	DDR4 - SODIMM
memória foglalatok száma	2 db
memória maximális mérete	16
memória modulok száma	1



processzor	Intel Celeron N5105 (4×2GHz)
RAID	RAID 0, 1, 5, 6, 10, JBOD
támogatott böngészők	FireFox;Safari;Chrome;Edge
tömeg	1.71 kg
magasság	170 mm
mélység	230 mm
szélesség	114 mm
szín	fekete