

**asustor**



# AS6004U

## NAS Storage Capacity Expander

- Plug and play online expansion
- USB cable safety bracket a secure connection
- Smart power sync helps to save power
- Smart temperature control for stable operation
- Supports MyArchive cold backup technology
- Compatible with high capacity 16TB hard disks



Performance  
King



Boundless  
Functionality



Intuitive  
UI



Incredible  
Value



3year  
warranty

## Simply Plug it in

The AS6004U utilizes a USB 3.0 connection cable. Simply plug it into any ASUSTOR NAS to complete hardware expansion! Depending on the model\*, ASUSTOR NAS devices can simultaneously connect up to 3 AS6004U units, satisfying the high capacity storage demands of enterprise users.



Expansion Unit AS6004U

\*NAS series supporting expansion of up to 3 units:  
AS31/32/50/51/52/53/61/62/63/64/65/70 Series  
(other series are only able to expand up to 2 units)

\*Please use the NAS's USB 3.0 port to connect the AS6004U

\*Please use the ASUSTOR provided USB 3.0 cable

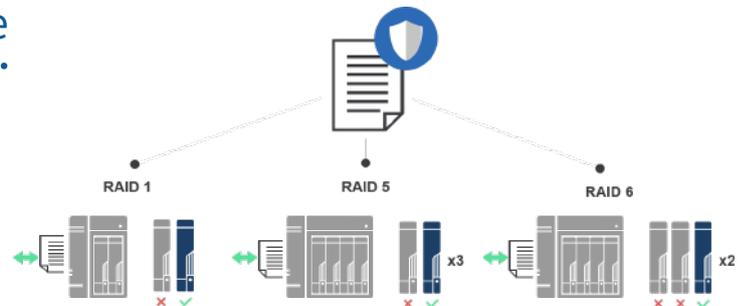
\*If 70 series models have 12 devices plugged into USB 3.0  
(1 hard disk = 1 device), the other USB ports will not be able to be used.

\*On AS7012R devices, if 3 USB expansion units are plugged in  
(12 hard disks), then only one e-SATA port can be used.



## Data Protection Starts with Storage

ASUSTOR understands that your data is priceless, therefore ASUSTOR NAS provides different RAID Volume options, giving your data various levels of protection from the moment it is first stored on the NAS. We recommend you plan your storage protection based on your NAS model and number of hard disks. Data protection has never been so simple.



	Single	JBOD	RAID 0	RAID 1	RAID 5	RAID 6	RAID 10
Minimum number of disks	1	2	2	2	3	4	4
Faulty Disks Tolerated	X	X	X	1	1	2	1
Increased System performance	X	X	V	X	V	V	V
Maximum use of Storage space	V	V	V	🗄️ x 1/2	🗄️ -1	🗄️ -2	🗄️ x 1/2

## Safety Bracket for Secure Connections

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The security bracket and mounting hole design allow the AS6004U and USB cable to be connected securely without having to worry about disconnections.



## Secure Disk Tray Lock Design

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In order to help users avoid accidentally pushing disk tray buttons and releasing hard disks during operation, ASUSTOR has added a new lock mechanism to its hard disk trays. The lock's flat-head design ensures that users will not need any special keys or tools to unlock it, only a simple flat-head screw driver. The new disks trays can be used with all ASUSTOR NAS devices, providing an additional layer of security for applications requiring the frequent swapping of hard disks (e.g., MyArchive).



## Smart Power Saving

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The AS6004U has a power sync mechanism that syncs it with the NAS's operation status. When the NAS enters sleep mode or powers off, the AS6004U will enter into standby mode. When the NAS resumes normal operation, the AS6004U will resume mounting. This function works to help users save significant power.



## Flexible Storage Expansion and Backup

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In addition to providing an economical high capacity storage space, the AS6004U also supports ASUSTOR's MyArchive cold backup technology. This allows users to create removable storage archives at any time, and backup important data to them.



## Secure Storage

The AS6004U features 4 hot swappable disk bays and is compatible with largest hard disks on the market. It supports RAID\* and AES 256-bit encryption, providing optimal data protection mechanisms.

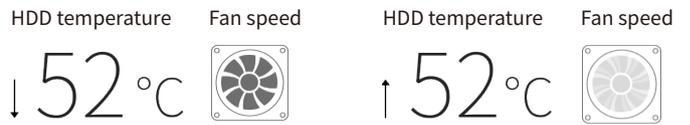
\*The AS6004U supports Single Disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 volumes



## Smart Fan Temperature Control

Under heavy loading and operations, the system internal temperature will increase. The AS6004U utilizes fans with a wide speed range that support a temperature control function combined with a smart speed mechanism. When the system load and temperature increases, the fans will automatically increase their speed to cool the device allowing the system to maintain a suitable operation temperature, providing stable performance and service.

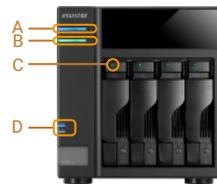
\*Temperature will vary depending on the number hard disks installed and the brand.



## Hardware Specification

### AS6004U

Flash Memory	16MB Flash
Expansion	USB 3.0 (USB3.1 Gen-1) Type B
HDD	4 x SATA3 6Gb/s; 3.5"/2.5" HDD/SSD
Maximum Internal Raw Capacity	64 TB (16 TB HDD x4, Capacity may vary by RAID types)
Maximum Single Volume Size	16TB
Dimensions (HxWxD)	185.5(H) x 170(W) x 230(D) mm
Weight	2.7 kg / 5.95 lbs
Power	90 W
Operation/Disk Hibernation/ Sleep Mode(S3)	23.6 W / 9.7 W / 0.35 W
Volume Type	Single disk, JBOD, RAID 0 / 1 / 5 / 6 / 10
Internal Disk	EXT4



- A. Power LED Indicator
- B. System Status LED Indicator
- C. Hard Disk LED Indicator
- D. USB 3.0 Connection LED Indicator
- E. Alert LED Indicator



- A. USB 3.0 Port
- B. USB 3.0 Cable Bracket Port
- C. System Fan
- D. DC Input
- E. K-Lock



**ASUSTOR Inc.**

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