

**FORCOM**

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**Tool Free USB3.0 to 3.5" TWO-BAY GIGA NAS**

**MODEL NO.: U3GNAS**

**Features:**

- Supports JBOD, RAID0,RAID1,Normal mode
- Enhanced data protection and high -performances storage
- Automatic disk rebuild (Under SAFE Mode)
- Support with USB3.0 high speed reach up to 5.0Gbps
- Support with 10Base-T, 100Base-T or 1000Base-T networks
- Supports Plug-play and Hot-plug and virtualization capabilities
- Support model select for hardware
- Support Network Attached Storage that allows any networked computer to share your HDD
- FTP/ SAMBA/ BT download/ DHT network NAS function

**Specifications:**

Inner Interface:SATA

Outer Interface:USB3.0 or 1000Base-T networks

Date Trasfer rate: Support USB 3.0 super-speed (5Gbps),

Complies with USB 2.0 hight speed (480Mbps),USB 1.1 Low speed (1.5Mbps)

Support with 10Base-T, 100Base-T or 1000Base-T networks

Suitability:2 x 3.5" SATA HDD



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Supports Plug-play and Hot-plug

Power Supply: AC 100~240V, 50~60Hz ; DC 12V, 3A

Material:Aluminum

Cooling Fan:One 25x25x7mm Cooling Fan

OS Compatibility:Windows 2000/XP/Vista/7, Linux and MAC OS 8.6 or above

Dimension:220 x 120 x 68 mm (L x W xH)

### NAS function :

FTP Server Maximum create 16 user account, 16 folder shared by one account

Samba Server User Level Access (maximum create 16 user account, 16 folder shared by one account)

BT Download Tracker & DHT network (maximum Peer 128)

Upload & Download Bandwidth control

### RAID Mode:

There have 2 mode switch in the inner of the product, it can form 4 kinds of different ways through these 2 switches, it can realize 4 kinds of different functions as below:



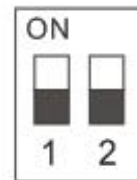
**Normal Mode**  
[ON/ON]



**JBOD Mode**  
[ON/OFF]



**RAID0 Mode**  
[OFF/ON]



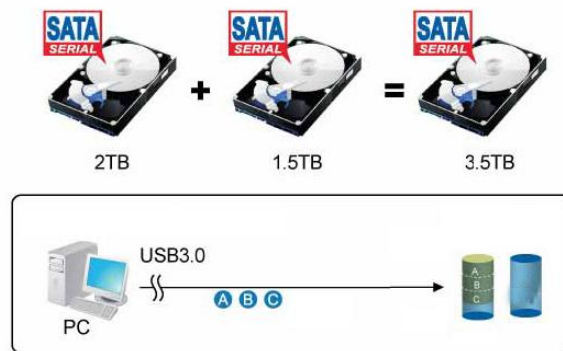
**RAID1 Mode**  
[OFF/OFF]

### Normal Mode:

Normal mode ,it's the default setting of HDD enclosure,and will not use any RAID mode. In Normal condition,both of the two hard disk mode inside the enclosure are in independent operation state, and also will be identified as the two separate hearts in the system, users can choose any hard drive for storing files. If one piece of hard disk is damaged, the other piece of hard disk data would not be influenced

### JBOD Mode:

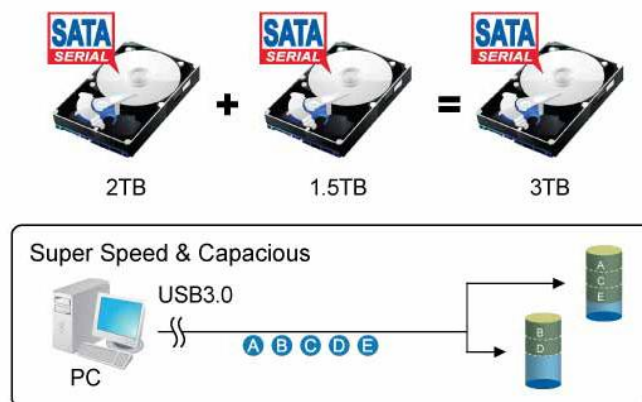
JBOD model, in this mode, two hard disk will simply be bound for one, the merger hard drive performance and literacy speed will be same as single block of hard disk, the total capacity of the portable hard disk equal to the sum of two hard drive capacity. Once writing data, the system specify date and start sotrage from the first disk, when the storage space of the first disk use up, the data will start be stored from the back disk in turns If the data in the first disk appears damaged, then all of the data in the two hard disk will be totally lost.



### FAST Mode:

FAST mode it's also our familiar RAID 0 mode. In RAID 0 state, data storage is divided into two parts, respectively in two hard disk storage, then the theory storage speed of hard disk is twice the one of single block hard disk, the actual capacity equals to twice the smaller capacity of the one hard drive(between the two hard disk). the deficiency of RAID 0 is that any piece of hard disk is failure, the whole RAID on data will not be restored.

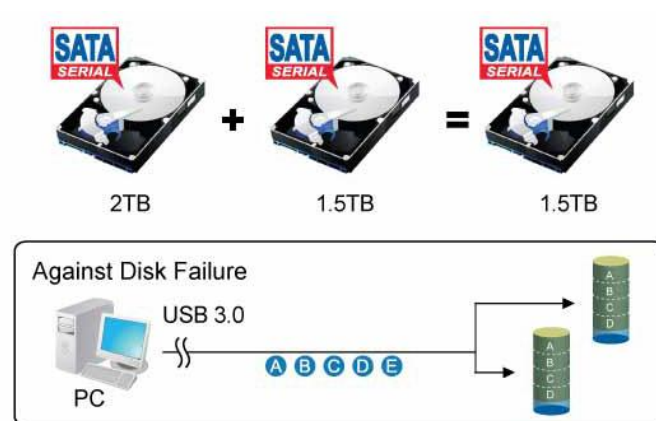
Note: It's more suitable for copying hd movie



### SAFT Mode:

Safe mode also is RAID 1 mode, in this state, two hard drive is closely mirrored. The actual capacity of protable hard drive equals to the smaller capacity one, storage speed is same.as a single block of hard disk.The advantage of RAID 1's lies that any piece of hard disk stored data losing, others can not lose, its weakness is the capacity loss of hard drive is bigger.

Note:For very important material, such as databases, personal data,this is a absolutely safe storage solution.



### NAS Mode:

We hope that you will enjoy using Network Attached Storage and find it to be a useful solution.This is very easy way that shares 2-bay raid external enclosure via wired ethernet or wireless networking.

