

# Nano NAS Server for USB storages



# **User's Manual**

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### **1.Product Information**

- Personal Internet & Intranet Storage
- Samba Server + FTP Server
- No need to install any O.S, Virus free
- Low Cost and Simple Installation
- Low Power Consumption, Low Heat Dissipation
- Serve Cross-Platform Client O.S.
- Web Browser Management User Interface
- Multi Protocol Support: TCP/IP, HTTP, SMB, FTP
- Support DHCP / Fixed IP Address
- USB2.0 High-speed data transfer rate up to 480 Mbytes
- 64/512 bytes data payload for full/high speed bulk endpoint
- Supports 8-bit/16-bit standard PIO mode interface
- USB2.0 high-speed interfaces & RJ45 for barrier-free data transfer
- Supports power down mode and USB suspend indicator

## 2. Product Specifications:

### Network Connection Method

Available network environment, 100BASE-TX/10BASE-T, Connection type, RJ-45

### • Supported Protocols

TCP/IP, NBNS (Net BIOS Name Server), Microsoft Networks (CIFS/SMB), HTTP 1.0 and HTML 2.0, DHCP Server/Client (Auto detection), SNTP Client and Server

- Supported Operating Systems Microsoft Windows: 98SE, ME, 2000, XP MAC OS X (10.3.X or above versions)
- IP Acquisition Method

Automatic (DHCP)/Manual (Static setting)

- Supported Hard Drive Specifications Ultra ATA / 133 (must be DMA compatible)
- Partition Configuration FAT32 (4GB Max File Size)

### 3. System requirements

Windows 98SE / 2000 / XP:

Pentium II 233MHz equivalent or higher

64 MB RAM (128 MB recommended)

USB 1.1 Port (USB 2.0 recommended)

CD-ROM drive for installation (Win 98SE only)

RJ45 network port for NDAS mode

Mac OS X:

G4 processor or higher running OS X 10.3 or higher

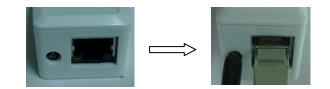
128 MB RAM (256 MB recommended)

USB 1.1 Port (USB 2.0 recommended)

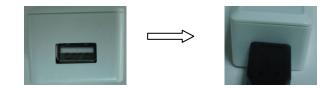
RJ45 network port for NDAS mode

# 4. Product Connecting

1) Connect DN-7023 to your computer



2) Connect mobile memorizer to your DN-7023



# 5. Configuring DN-7023

• Checking TCP/IP Setting on PC

Bring up the properties of the "My Network Places" (Windows

XP).

- 1). Double click the "My Computer" icon on your desktop.
- 2). Right click "My Network Places" and select "Properties"

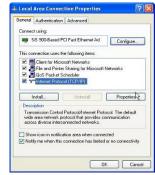


3) Right click "Local Area Connection" and select "Properties"



4) The following screen will appear, select "Internet Protocol

(TCP/IP)" then click on the <Properties> button



5) Follow the step as below to configuring your TCP/IP settings.



#### Using Web Control Utility

 Open your Web browser and type "http://storage" or "http://169.254.0.1" into the URL address box and then press <Enter>.

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File	Ed≹	View	Favorites	Tools	Help		
G	Back.	- 6	- 🗙	2 🤇	1	Search	A Favorites
Addre	55	http://s	torage				

2) The login pop-up dialog box will appear, please type the username and the password:

(Username: admin Password: admin)



3) Once you have loaded in, the "Status" Home screen will appear, and you can set it up in yourself.

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812 (1) abitp //169.254	0. 1/			💌 🎦 辨到 紙頭
network	Stora	ge series		
Status IP Config		System Information		
Maintenance SMB Server	Host Name Group Name Administrator	STORAGE WORKGROUP admin	Change Change	
FTP Server Disk Utility	Date/Time Firmware Version	2007/01/01 00:01:28 GMT1 CR:1618-1.11 LOADER 3.3	Change	
		Network Information		
	IP Address MAC Address DHCP Server	169.254.0.1 00.05.54.00.00.00 ON © ENABLE © DISABLE	Apply	
		Service Information		
	Samba Service	⊙ENABLE ○DISABLE	Apply	
	FTP Service	♦ ENABLE ODISABLE	Apply	
		Dick Information		
	RAID Mode Disk ID Free Size	RAID 1, MIRROR SD/MMC Card R 50 MB free		
1				Internst
📲 井始 🔰 🖗 🗧	401 Taestherized	🚽 Net Disk Setup		- B ( 6 # 9 ) S

### 6. Setting

### **IP Config**

Here you can set the IP configuration (Automatic IP or Static IP) as below:

network	Storage	e series
tatus P Config		IP Config
Iaintenance	<ul> <li>Automatic IP</li> </ul>	
MB Server TP Server	○ Static IP as below	
isk Utility	IP	169.254.0.1
	SubnetMask	255.255.0.0
	Gateway	169.254.0.1
	Primary DNS	169.254.0.1
	Secondary DNS	0.0.0.0

#### Maintenance

**Firmware Upload**: Here you can update the new firmware for your DN-7023.

**System Reboot:** Click Reboot to have the device perform a software restart.

**Factory Defaults**: You can Press "Reset" here then refresh this page by pressing "Refresh button" on IE browser, or reboot the DN-7023 to recall all settings back to factory default status.

network	Storage series
Status IP Config	Firmware Upload
Maintenance SMB Server FTP Server Disk Utility	Select new firmware to upload. Please don't turn off the power and close the web browser when the firmware is uploading. [] 辺辺 Upload System Reboot
	Click the Reboot button to have the device perform a software restart. The SYSTEM LED will blinks as the device restarts and then remain on if the restarts is successful. Please wait about a minute before refreshing your browser before logging in again.
	Reboot Factory Defaults
	Click the "Reset" button to clear all configuration and restore to default settings. Please don't turn off the power and close the web browser when the system is changing the settings. Please click "Reboot" button after reset.

### SMB Server

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Sharing Your Folders to LAN, You will see all available folders for "Network Share" listed in the "Share List" box, just select your target folder and click on the button for sharing the folder to Network.

Config		Modify SMB Accour	ıt
atenance 3 Server Server Utility	Account Guest Password Access © Read Only © Folder List		Modify Sharing List
	Create Rename	Delete	ack BLIC
		> ¢	

#### **FTP Server**

Here you can set FTP functions, status and user's authority, please check the image below.

**FTP Status**: Enable / Disable FTP function and port setting **Allow anonymous**: If you allow anonymous log-in the "Home Directory" will be the root folder

**FTP Account List**: Presses "Add", "Modify " to set the accounts that you allow accessing DN-7023, and defining the authority.

atus Config		FTP Configura	tion		
aintenance <u>AB Server</u> P Server sk Utility		glish	-65500	Apply p Apply	
	Account List New [User Nane] anonymous	V Modify En [Password]	/Disable De [Access] R0	elete [En/Disable] ENABLED	
	anonymous		RU	ENABLED	

### Disk Utility

If you have installed a new disk in the DN-7023, you must go to "Disk Utility" for creating a new Partition and doing format for the hard disk.

network	Storage series	
Status IP Config Maintenance	Disk Utility	
SMB Server FTP Server Disk Utility	Format Disk         Format           Sleep Time 45 (min)         Set 0 to disable, range 5-60 to enable.           Scan Disk         Start	
	2007/ 1/ 1 0: 3: 2 Scan complete 3 File(s), 2 Dir(s), Used Size=9K, 0 Error(s)	~

# 7. Note:

- If you are installing an old hard drive and want to keep all previous data, please make sure the file system on your hard drive is FAT32. DN-7023 does not support any other file system than FAT32. Otherwise, you may need to re-format your old hard drive by DN-7023's utility
- The LAN Port on the DN-7023 is Auto-MDI/MDIX, you can also connect the network cable directly to the Lan port on your computer. It is not necessary to use a crossover network cable for direct link.
- If you prefer to use a Fixed IP for your computer, please also setup a fixed IP for DN-7023.