

# **1-Bay / 2-Bay SATA NAS Server**

**NAS-7100 / NAS-7200**

**Quick Installation Guide**

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## **Chapter 1. Introduction**

Thank you for purchasing PLANET SATA NAS Server, NAS-7100/7200. In this installation guide, it illustrates the simply installation for user to install a HDD and install NAS-7100/7200 to Windows system. For more information, please also refer to the User's manual in our CD-ROM.

### **1.1 Before Installation**

Before installation, please be sure to read this quick installation guide and user's manual (CD) carefully to complete machine installation. This guide shows how to quick set up the two NASs, unless model name specified terms "SATA NAS Server" will be used for these two models.

This QIG includes the following chapter.

- Chapter2. System
- Chapter3. HDD Install/Remove
- Chapter4. System Installation
- Chapter5. Configuration
- Chapter6. Using Your SATA NAS Server

### **1.2 System Requirements**

- Windows 95, 98, ME, NT 4.0, 2000/2003, XP or Vista.
- Ethernet Network employing 10BaseT, 100BaseTX or 1000BaseTx.
- TCP/IP protocol.

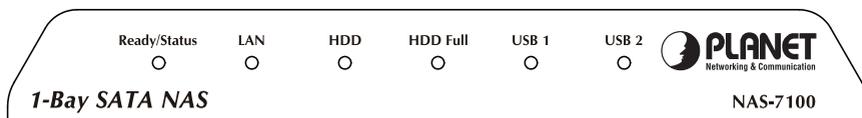
## Chapter 2. System

### 2.1 NAS-7100 - 1-Bay SATA NAS Server

#### 2.1.1 Package Content

- NAS-7100
- Quick Installation Guide
- Setup CD
- Ethernet Cable
- Power Adapter with Power Core
- EMI core

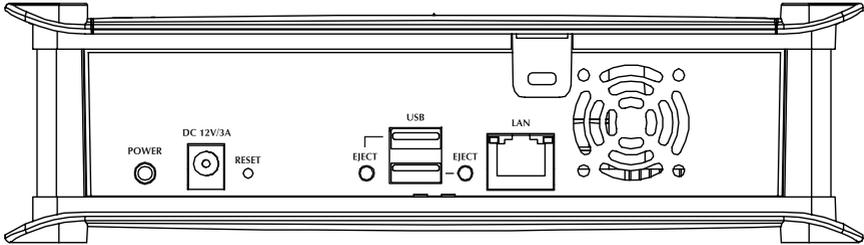
#### 2.1.2 Front Panel



Ready/Status	<p>Ready (Green)</p> <ul style="list-style-type: none"><li>• ON – Normal operation.</li><li>• OFF – No power.</li><li>• Blinking – This LED blinking during startup and shutdown.</li></ul> <p>Status (Amber)</p> <ul style="list-style-type: none"><li>• ON – This LED will be On during the Startup self-test; it will turn Off once the self-test is completed. If it stays ON, there is a hardware error.</li><li>• OFF – Normal operation.</li><li>• Blinking – During a software upgrade, both the Status and Ready LEDs will blink.</li></ul>
LAN	<p>ON – Link established.</p> <p>OFF – No LAN connection.</p> <p>Blinking – Data is transmitted or received via the LAN.</p>
Disk	<p>OFF - Idle.</p> <p>Blinking – Hard disk is being accessed.</p>
Disk Full	<p>ON - Disk is completely full. No more data can be stored on this disk</p> <p>OFF -Normal operation, disk is not full.</p> <p>Blinking - Disk is 98% full (The Buzzer will also beep 3 times.)</p>
USB 1	<p>ON - USB device connected to the USB port</p> <p>OFF - No USB device installed</p> <p>Fast Blinking - Data being transferred to or from the USB device</p>

USB 2	ON - USB device connected to the USB port OFF - No USB device installed Fast Blinking - Data being transferred to or from the USB device
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### 2.1.3 Rear Panel



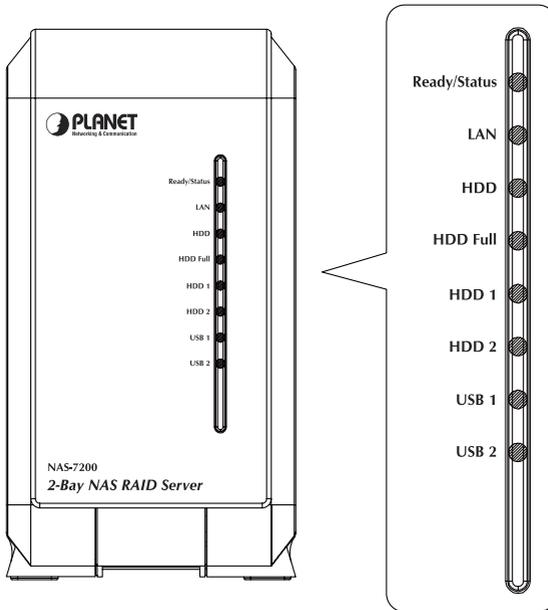
Power Switch	This is a spring-loaded "Soft Switch". If power is Off, press once to turn On. If power is On, press once to start the Shutdown sequence. During Shutdown, the Ready LED will blink. When Shutdown is completed, all LEDs will turn off.
Power Input	Connect the supplied power adapter here.
Reset Button (IP/ Password)	This button has 2 functions: If the NAS's IP Address is lost, press and hold this button for 2 seconds. The IP Address will be set to the default (DHCP client) and it will beep once to indicate the reset has occurred If the NAS administrator's password is lost, press and hold this button for 10 seconds. The password will then be cleared (no password), and the NAS will beep twice.
USB Eject Button 1	For USB port 1 device eject. Press and release to prepare the USB device for removal. When the USB LED turns off, it is safe to remove the USB device.
USB Port 1 & 2 (Up/Down)	Connect your USB Hard Disk Drive or USB Flash Drive here. The USB HDD support FAT and NTFS (Read only) file format Connect USB printer
USB Eject Button 2	For USB port 2 device eject. Press and release to prepare the USB device for removal. When the USB LED turns off, it is safe to remove the USB device.
LAN connector	Use this to connect the NAS to your 10/100/1000Base-TX switch or device.

## 2.2 NAS-7200 - 2-Bay SATA NAS RAID Server

### 2.2.1 Package Content

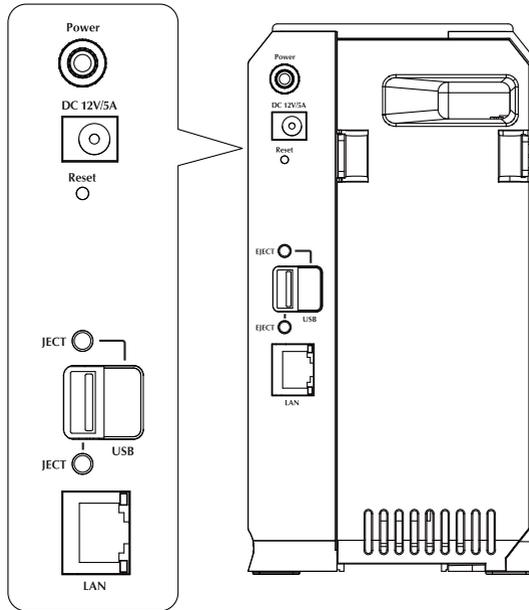
- NAS-7200
- Quick Installation Guide
- Setup CD
- Ethernet Cable
- Power Adapter with Power Core
- EMI core

### 2.2.2 Front Panel



Ready/Status	<p>Ready (Green)  ON – Normal operation.  OFF – No power.  Blinking – This LED blinking during startup and shutdown.  Status (Amber)  ON – This LED will be On during the Startup self-test; it will turn Off once the self-test is completed. If it stays ON, there is a hardware error.  OFF – Normal operation.  Blinking – During a software upgrade, both the Status and Ready LEDs will blink.</p>
LAN	<p>ON – Link established.  OFF – No LAN connection.  Blinking – Data is transmitted or received via the LAN.</p>
HDD	<p>OFF – Idle.  Blinking – Hard disk is being accessed.</p>
HDD Full	<p>ON - Disk is completely full. No more data can be stored on this disk  OFF -Normal operation, disk is not full.  Blinking - Disk is 98% full (The Buzzer will also beep 3 times.)</p>
HDD 1	<p>ON – Disk 1 installed  OFF – Disk 1 not installed  Blinking – Raid 1 Rebuilding</p>
HDD 2	<p>ON – Disk 2 installed  OFF – Disk 2 not installed  Blinking – Raid 1 Rebuilding</p>
USB 1	<p>ON - USB device connected to the USB port  OFF - No USB device installed  Fast Blinking - Data being transferred to or from the USB device</p>
USB 2	<p>ON - USB device connected to the USB port  OFF - No USB device installed  Fast Blinking - Data being transferred to or from the USB device</p>

## 2.2.3 Rear Panel



Power Switch	This is a spring-loaded "Soft Switch". If power is Off, press once to turn On. If power is On, press once to start the Shutdown sequence. During Shutdown, the Ready LED will blink. When Shutdown is completed, all LEDs will turn off.
Power Input	Connect the supplied power adapter here.
Reset Button	Press and hold this button for 10 seconds. The IP Address, user name and password will be set to the default and it will beep once to indicate the reset has occurred
USB Eject Button 1/2	For USB port 1/2 device eject. Press and release to prepare the USB device for removal. When the USB LED turns off, it is safe to remove the USB device.
USB Port 1 & 2 (Up/Down)	Connect your USB Hard Disk Drive or USB Flash Drive here. The USB HDD support FAT and NTFS (Read only) file format Connect USB printer
LAN	Use this to connect the NAS to your 10/100/1000BaseT hub.

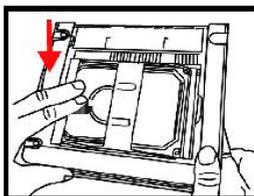
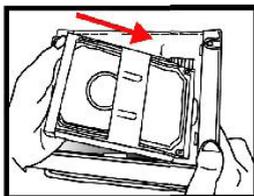
## Chapter 3. HDD Install/Remove

### 3.1 NAS-7100 - 1-Bay SATA NAS Server

The NAS-7100 supports one 3.5-inch Serial-ATA (SATA) hard drive. NAS-7100 does not support low profile or half high hard drive.

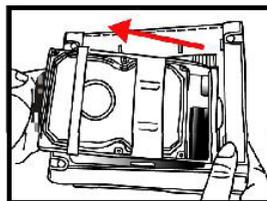
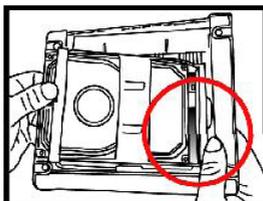
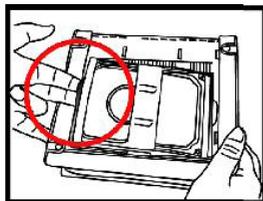
#### HDD Install

1. Make sure the NAS-7100 is powered off
2. Open top cover of NAS-7100
3. Make sure your hard drive is SATA interface and make sure you back up all pre-existing data before use it on NAS-7100
4. Pull up the HDD tray then slide and push the HDD into the tray, make sure connector well connecting
5. Push down the HDD tray
6. Put the top cover of NAS-7100 back to finish HDD install



#### HDD Remove

1. Make sure the NAS-7100 is power off
2. Open top cover of NAS-7100
3. Pull up the HDD tray,
4. Pull out the HDD till SATA connector release then the HDD can slide out of HDD tray



## 3.2 NAS-7200 - 2-Bay SATA NAS RAID Server

The NAS-7200 supports two 3.5-inch Serial-ATA (SATA) hard drives. NAS-7200 does not support low profile or half high hard drive.

### HDD Install

1. Make sure the NAS-7200 is powered off
2. Open rear cover of NAS-7200



3. Make sure your hard drive is SATA interface and make sure you back up all pre-existing data before use it on NAS-7200
4. To install Disk 1 that located on left side (rear view), make sure HDD top face to left and connector side in front then slide the HDD into slot



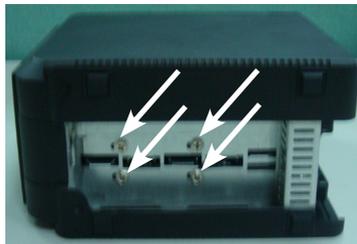
5. To install Disk 2 that located on right side (rear view), make sure HDD top face to right and connector side in front then slide the HDD into slot



6. Put the rear cover of NAS-7200 back to finish HDD install



7. Secure the 2 HDD drivers by mounting 4 screws.



### HDD Remove

1. Make sure the NAS-7200 is power off
2. Open rear cover of NAS-7200
3. Pull out the HDD till HDD connector release then the HDD can slide out of slot.

## **Chapter 4. System Installation**

### **Boot up**

1. Connect the network cable to LAN port on the rear of SATA NAS Server. Connect the others end to your hub or switch.
2. Connect the supplied power adapter to a power outlet and plug the power cord into SATA NAS Server's power input on the rear panel.
3. Power on.

Locate the SATA NAS Server's power switch on the NAS-7100 rear panel. Press it once to power on the NAS

4. The SATA NAS Server self-test.

The SATA NAS Server will run a brief self-test. During the self-test, all of SATA NAS Server's LED will be illuminated or flashing.

5. Booting up.

When the self-test is complete, boot up will start. The Ready LED will blink continuously, and the LAN LED will blink occasionally. Boot up should take approximately 1-3 minutes.

6. Boot up completed.

When the Ready LED stops blinking, and remains on, boot up is complete. If the Status (Orange) LED stays on, or if the SATA NAS Server repeatedly beeps, there is a hardware problem. Consult the Troubleshooting section of the User Guide for possible solutions.

### **Shutdown**

To shutdown the SATA NAS Server, press the power switch to start the shutdown sequence. Wait for all LEDs to turn off.

### **Removing a USB device**

1. Press the USB eject button (for USB 1 or 2) on the rear panel.
2. Wait for the "USB" LED turn off.
3. Remove the USB device.

You can also use the Windows utility installed from the CD-ROM:

1. Select "Safely Remove USB Device"
2. Select the desired NAS and USB device, and click the "Eject" button.
3. Wait for the message telling you it is safe to remove the USB device.

## Chapter 5. Configuration

- This procedure only needs to be done ONCE, by the SATA NAS Server's Administrator.
- Other LAN users should follow the advice given in **using your SATA NAS Server described** in the following section.

### Quick Setup with the SATA NAS Server Wizard

1. Please insert User's Manual and Utility CD into the CD-ROM drive to initiate the autorun program. Once completed a menu screen will appear.
2. Click on "Initial Utility" hyper link to initiate the installation. If the autorun program is not process in your PC, you can click the "Start" button and choose "Run". (Suppose "E" is your CD-ROM drive). When the dialog box appears, enter "E:\Utility\Setup.exe" and press enter key. You will see the dialog box as below. Please click the "Setup" button.



3. After click, you will see the screen as below. The utility will auto search your network and find out your SATA NAS Server.

Item	Value
Server Name	SC687052
IP-Address	172.31.2.226
Subnet Mask	255.255.255.0
Default Gateway	172.31.2.253
Time Zone	(GMT-08:00) Pacific Time (US & ...)
Local Date	04/05/2004
Local Time	10:32:37

Detected server list.  
Select preferred one to setup.

Current settings of selected server. Please make a note.

Press "Refresh" to re-scan whole network for available interNAS/USB.

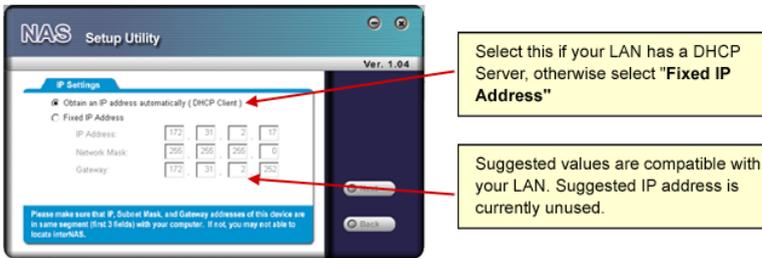
A list of all the SATA NAS Server's on your network will show on the left side. The right side displays details of the currently selected SATA NAS Server.

If the desired SATA NAS Server is not listed, check the following:

- The SATA NAS Server has finished the start up and boot process.
- Your PC and the SATA NAS Server are on the same IP segment.
- Click "Refresh" button to search again.

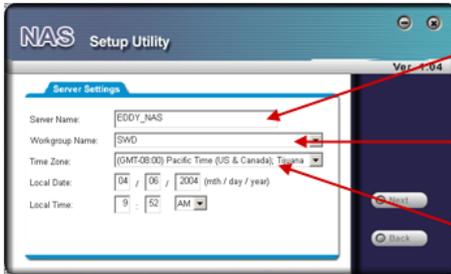
Otherwise, select the desired SATA NAS Server, and click the "Next" button.

4. The following screen will then be displayed. You can set the IP settings in this screen. Please click "Next" after the configured.



<p><b>Obtain an IP address automatically (DHCP Client)</b></p>	<p>Select this only if your LAN has a DHCP Server.</p>
<p><b>Fixed IP Address</b></p>	<p>This option is recommended. You need to enter the following data.</p> <ul style="list-style-type: none"> <li>• <b>IP address</b> - The utility will suggest a unused IP address within the address range used on your LAN. If you wish, you can change this, but you must ensure the address is unused.</li> <li>• <b>Network Mask</b> - This must match the value used by PCs on your LAN.</li> <li>• <b>Gateway</b> - This must match the value used by PCs on your LAN.</li> </ul>

5. You can configure the time settings in this screen. Please click "Next" after the configured.



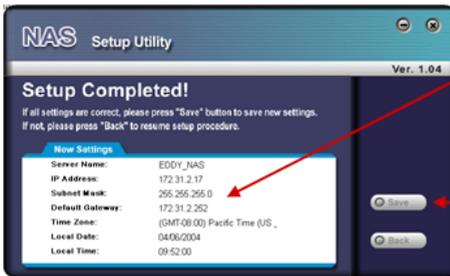
Each **interNAS/USB** comes with a unique Server Name. You may change it if you wish.

All workgroups on the network are listed. You may select one from the pull-down menu, or create a new one.

Set the proper Time-Zone. Date and Time here.

<b>Server Name</b>	The Default Name is shown. You may change this if you wish.
<b>Workgroup Name</b>	Normally, this name should match the Workgroup name used by PCs on your LAN.
<b>Time Zone</b>	Select your time zone from the list.
<b>Local Date/Time</b>	Enter the local date (mm/dd/yyyy format) and time.

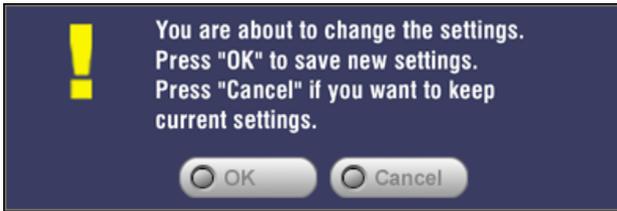
6. Please check the configured settings of this screen, if all the configure are correct. Please click "Save" button.



All settings are displayed. Please confirm they are correct, then click "Save".

After saving, a final screen will be displayed. Pree "Exit" to close the Setup Utility.

7. After click "Save", you will see the dialog box to prompt you again. Please click "OK" to save or click "Cancel" to check the settings.



8. If you would like to install "Flash-Map" to help you with mapping SATA NAS Server now, please click "Yes" and refer to the manual in our bundled CD disk, otherwise, please click "No" to finish the configuration, then close the initial utility.



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## Chapter 6. Using Your SATA NAS Server

### To Use the SATA NAS Server

1. Open Network Neighborhood (or My Network Places).
2. Locate the SATA NAS Server. If it is not listed, double-click *Entire Network*. Then double-click the Workgroup that the SATA NAS Server is in. (By default, the SATA NAS Server is in *Workgroup*.)
3. Double click on the SATA NAS Server icon. You will then see a list of shares (shared folders). You can read and write files to these shares, unless the SATA NAS Server administrator has blocked access.
4. To create a shortcut to an SATA NAS Server folder, drag its icon to the desktop, and accept Windows offer to create a shortcut.

### Mapping a Network Drive

1. Right-click on the desired share.
2. On the pop-up menu, select "Map Network Drive...".
3. Select a drive letter for this folder, check the *Reconnect at Logon* checkbox, then click "OK".
4. This drive will now be available in *Windows Explorer*, and from the *File-Open* or *File-Save As* dialog in all Windows applications.

### Using the Web Interface

The Web interface of the SATA NAS Server has three major functions:

- Users may change their password to match their Windows Logon.
- Server management can be performed. Default ID is "admin" and default password is empty
- Download manager.

### To connect to the NAS with your Web Browser

1. In your Browser's Address or Location bar, enter "HTTP://" and the SATA NAS Server's IP Address. (To connect via the Internet, additional setup is required. See the User Manual for details.)
2. To browse the files and folders on the SATA NAS Server, click Disk (**Public data**) or Flash (**Public Data**) on the main screen.
3. To view or download a file, click on its name. To download any file, right-click its name and choose "Save target as..."

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4. Default IP address: **DHCP client**

Default user name: **admin**

Default password: empty (no password)

**Further Configuration**

If you want to configure more detail settings of NAS-7100/7200, please refer to the user manual in the CD disk.

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