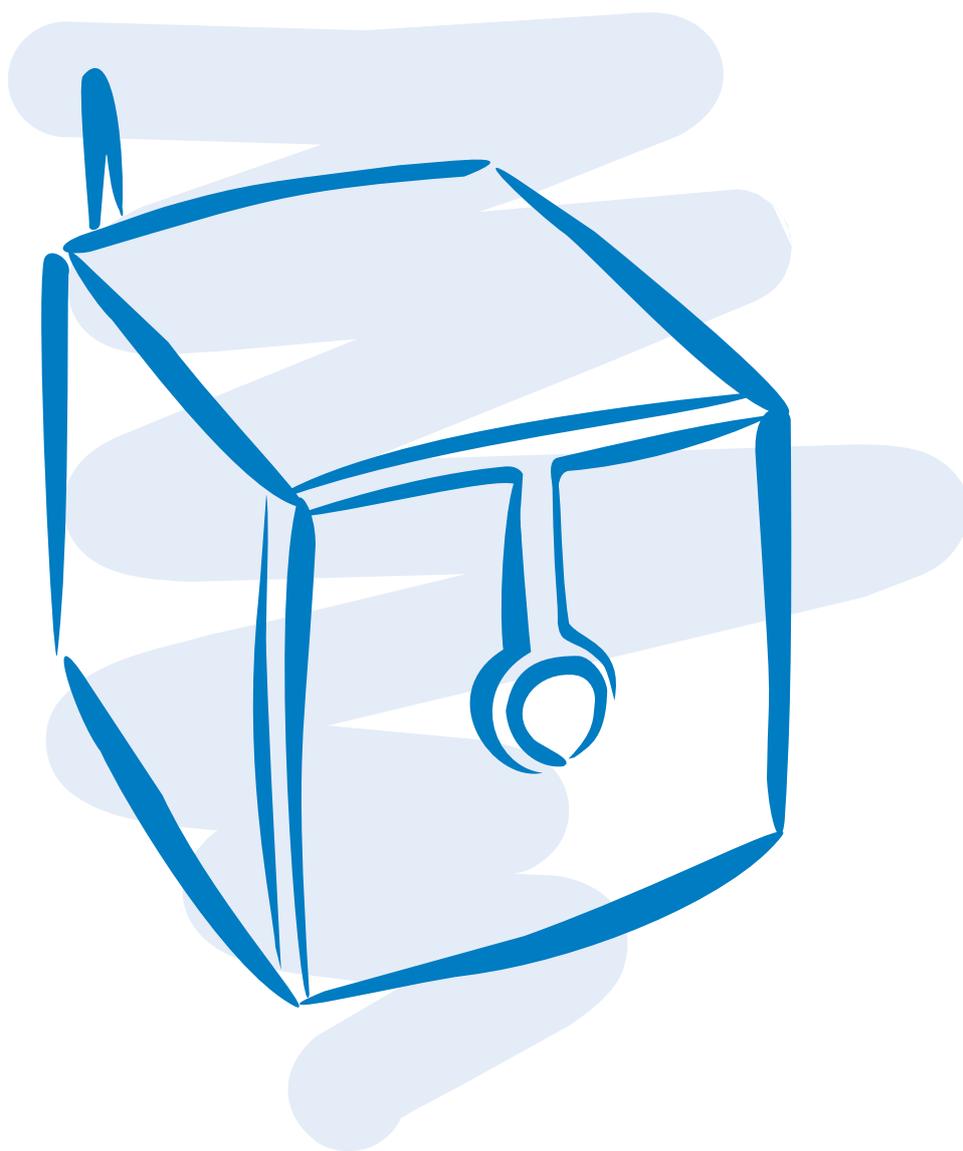


# *Aspire esayStore*



*User's Guide*

**acer**

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Aspire easyStore User's Guide  
Original Issue: 10/2007

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For your convenience, we suggest that you enter the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

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Acer Aspire easyStore

Model number: \_\_\_\_\_

Serial number: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Place of purchase: \_\_\_\_\_

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# Regulations and safety notices

## FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

## Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

## Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

## Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

## Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

## Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Declaration of Conformity for EU countries

Hereby, Acer, declares that this PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. (Please visit <http://global.acer.com/support/certificate.htm> for complete documents.)

Compliant with Russian regulatory certification



ME61

## Modem notices

### Notice for USA

This equipment complies with Part 68 of the FCC rules. Located on the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

**Caution: To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.**

### TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

### List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom, Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

### Notice for Australia

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.

### Notice for New Zealand

1. The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.
2. This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.
3. Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:
  - a. There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and

- b. The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.
4. Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. In order to operate within the limits for compliance with Telecom's specifications, the associated equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.
5. This equipment shall not be set up to make automatic calls to Telecom's 111 Emergency Service.
6. This device is equipped with pulse dialing while the Telecom standard is DTMF tone dialing. There is no guarantee that Telecom lines will always continue to support pulse dialing.
7. Use of pulse dialing, when this equipment is connected to the same line as other equipment, may give rise to bell tinkle or noise and may also cause a false answer condition. Should such problems occur, the user should NOT contact the telecom Fault Service.
8. This equipment may not provide for the effective hand-over of a call to another device connected to the same line.
9. Under power failure conditions this appliance may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

## Laser compliance statement

**The CD or DVD drive used with this computer is a laser product.**

**The CD or DVD drive's classification label (shown below) is located on the drive.**

CLASS 1 LASER PRODUCT

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT

LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1

VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I

ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÄTEILYLLE.

VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÄTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

## Digital audio output statement

The optical connector contains no laser or light emitting diode (LED) more than Class I.

## Macrovision copyright protection notice

"U.S Patent Nos. 4,631,603; 4,819,098; 4,907,093; 5,315,448; and 6,516,132."

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

## Radio device regulatory notice

**Note: Below regulatory information is for models with wireless LAN and/or Bluetooth only.**

### General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

### European Union (EU)

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

Article 3.1(a) Health and Safety

- EN60950-1:2001
- EN50371:2002 (SAR, general RF device).

Article 3.1(b) EMC

- EN301 489-1 V1.4.1 (Common Technical Requirements).
- EN301 489-3 V1.4.1 (For Short-Range Devices)
- EN301 489-17 V1.2.1 (For Wideband Data and HIPERLAN Equipment).

Article 3.2 Spectrum Usages

- EN300 220-1 V1.3.1 (For short range device, 25~1000MHz, part 1).
- EN300 220-2 V2.1.1 (For short range device, 25~1000MHz, part 3).
- EN300 440-2 V1.1.2 (For short range device, 1G~20GHz, part 2).
- EN300 328 V1.6.1 (For Data transmission equipment operating in the 2,4 GHz ISM band).
- EN301 893 V1.2.3 (5GHz high performance RLAN).EN300 328 V1.5.1:2004



### List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

### The FCC RF safety requirement

The radiated output power of the wireless LAN Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the PC series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

1. This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.
2. High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.
3. An improper installation or unauthorized use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

## Canada — Low-power license-exempt radio communication devices (RSS-210)

- a. Common information  
Operation is subject to the following two conditions:
  - 1. This device may not cause interference, and
  - 2. This device must accept any interference, including interference that may cause undesired operation of the device.
- b. Operation in 2.4 GHz band  
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.
- c. Operation in 5 GHz band



**Acer Computer (Shanghai) Limited**  
3F, No. 168 Xizang medium road, Huangpu District,  
Shanghai, China

# Declaration of Conformity

We,

**Acer Computer (Shanghai) Limited**  
3F, No. 168 Xizang medium road, Huangpu District,  
Shanghai, China

**Contact Person:** Mr. Easy Lai  
**Tel:** 886-2-8691-3089/ **Fax:** 886-2-8691-3120  
**E-mail:** [easy\\_lai@acer.com.tw](mailto:easy_lai@acer.com.tw)

Hereby declare that:

<b>Product:</b>	Server
<b>Trade Name:</b>	Acer
<b>Model Number:</b>	Aspire easyStore
<b>Machine Type:</b>	Aspire easyStore
<b>SKU Number:</b>	Aspire easyStore-xxx ("x" = 0~9, a ~ z, A ~ Z or Blank)

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

**EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:**

- EN55022:1998 + A1:2000 + A2:2003, AS/NZS CISPR22:2002, Class B
- EN55024:1998 + A1:2001 + A2:2003
- EN61000-3-2:2000 + A2:2005, Class D
- EN61000-3-3:1995 + A1:2001

**Low Voltage Directive 2006/95/EC as attested by conformity with the following harmonized standard:**

- EN60950-1:2001 + A11:2004

**RoHS Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment**

**R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:**

● **Article 3.1(a) Health and Safety**

- EN60950-1:2001
- EN50371:2002 (SAR, general RF device).

● **Article 3.1(b) EMC**

- EN301 489-1 V1.4.1 (Common Technical Requirements).
- EN301 489-3 V1.4.1 (For Short-Range Devices)
- EN301 489-17 V1.2.1 (For Wideband Data and HIPERLAN Equipment).

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- EN300 328 V1.6.1 (For Data transmission equipment operating in the 2,4 GHz ISM band).
- EN301 893 V1.2.3 (5GHz high performance RLAN).



Easy Lai / Director

Acer Computer (Shanghai) Limited

## Federal Communications Commission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration:

<b>Product:</b>	Server
<b>Model number:</b>	Aspire easyStore
<b>Name of responsible party:</b>	Acer America Corporation
<b>Address of responsible party:</b>	333 West San Carlos St. San Jose, CA 95110 U. S. A.
<b>Contact person:</b>	Acer Representative
<b>Tel:</b>	254-298-4000
<b>Fax:</b>	254-298-4147

Product overview.....	1
Introduction.....	1
Package contents .....	2
System requirements .....	2
Hardware overview.....	3
Getting started with your Aspire easyStore .....	10
Using the easySearch utility .....	10
Storing your first data to Aspire easyStore .....	15
Using the web user interface .....	19
Managing user accounts and shared folders .....	23
Creating user accounts and shared folders using the wizard .....	23
Advanced configuration .....	25
Advanced services.....	32
FTP services .....	32
DHCP services.....	36
UPnP AV services .....	37
Apple iTunes server.....	39
Advanced system configuration and monitoring .....	41

# Product overview

## Introduction

Thank you for purchasing Aspire easyStore.

Aspire easyStore is a data storage and digital media content server for your digital home. Featuring Gigabit Ethernet and IEEE 802.11g wireless LAN, Aspire easyStore can store and share all your important data while simultaneously streaming digital media content to multiple applications including Apple iTunes or any UPnP AV or DLNA compliant appliance. It allows you to consolidate your content library yet maintain instant access to digital media.

Equipped with 1 TB or 2 TB of storage spaces, Aspire easyStore not only gives you enormous space for your data, but also provides the highest level of data security. With advanced RAID technology, you will never fear losing all your data due to a single hard disk failure. Furthermore, the equipped Acer eBackup backup and recovery software allows you to easily backup and synchronize all important data from your home computer to Aspire easyStore.

The small size, ultra-low noise operation and power-saving features of Aspire easyStore mean you can put it in anywhere you like. Its sleek and elegant design will blend with your office desk, living room, or even bedroom without any distracting noise or taking up much space.

### Feature highlights

- Powerful CPU with excellent file sharing performance.
- Versatile network options. Choose from the high-performance Gigabit Ethernet interface or convenient IEEE 802.11g wireless interface.
- UPnP AV and iTunes media server allow you to share photo, music and video with your family and friends.
- Advanced RAID technology protects your data from hardware failure.
- Easy-to-use Acer eBackup software helps you backup and synchronize data from your home computer to Aspire easyStore.
- Quota management lets you control how much space your family and friends

can use.

- Advanced network services like FTP and DHCP give you the flexibility to design your own home network.
- Upgradeable firmware ensures you can be up-to-date with all the latest features available.

## Package contents

- Aspire easyStore with 1 TB or 2 TB hard disk preinstalled
- Wireless antenna
- Power adapter, 19 V 7.89 A
- Power cord, European standard
- CD-ROM with manual and Acer eBackup software
- Quick Installation Guide
- Ethernet cable, Cat. 5

If any of the above items is missing, please contact your reseller.

## System requirements

For best results, the following system requirements are recommended:

- Computer with: 1 GHz processor / 512 MB of RAM / 200 MB of available space / CD-ROM drive.
- Web browser: Internet Explorer version 7.0 or 6.0; or Mozilla Firefox 1.5 and above.
- Windows Vista, Windows XP SP2, Windows 2000 SP6, Linux or MacOS (Acer eBackup only supports Microsoft Windows).

# Hardware overview

## Front view with front cover in place



**1 Power LED**

This LED will be solid blue when you turn on Aspire easyStore.

**2 Status LED**

This LED will be solid blue when Aspire easyStore is running without any problems. It will flash blue when the system boots up or shuts down. It will turn to solid red when the system fails to detect any hard drives or other components, or the system detects a non-recoverable software error.

**3 LAN LED**

This LED will be solid blue when there is an Ethernet connection, and will flash to indicate LAN traffic.

**4 WLAN LED**

This LED will be solid blue when the wireless LAN function is turned on. It will flash to indicate wireless LAN traffic.

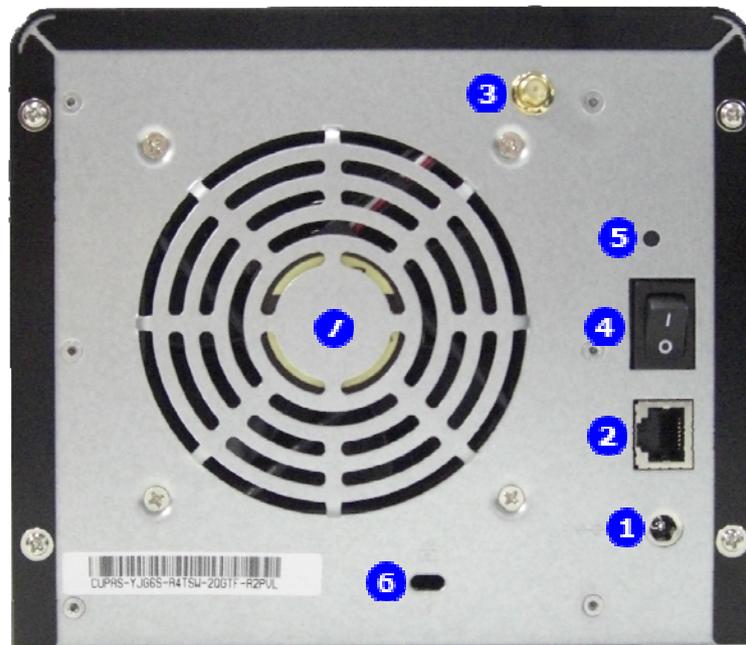
**5 RAID LED**

This LED will be solid blue when hard drives are in RAID5 mode, solid green in RAID1 mode, solid amber in RAID0 mode, and turned off when the drive is in JBOD or Standard mode.

**6 HDDx LED**

These LEDs will be solid blue when the drives are connected but inactive. These LEDs will flash when the drives are being accessed, formatted or synchronized. They will turn off if the drives are not installed or have failed.

## Rear view



### 1 Power port

Connect the 19 V 7.89 A power adapter here.

### 2 Ethernet port

A Gigabit Ethernet port that connects Aspire easyStore to your home network.

### 3 Wireless antenna connector

Connect the included wireless antenna here.

### 4 Power switch

Press this switch to turn on or turn off your Aspire easyStore.

### 5 Reset button

Pushing this reset button with a paper clip or a ball-point pen for more than 10 seconds will reset Aspire easyStore back to factory default settings. All system settings, including user-modified settings, system parameters and access permissions will be reset to factory default values. However, data stored on the hard disk will not be affected.

### 6 Kensington lock slot

You can use any Kensington compatible cable lock to secure your Aspire easyStore.

### 7 System fan

This quiet and effective fan is the main heat dissipation channel of Aspire easyStore. Please ensure the exhaust is never blocked.

## Front view with front cover and backplane cage removed



### **1** Hard drives

You can remove any failed hard drive after shutting down Aspire easyStore by pressing the clips on each side of the hard drive and gently sliding out the hard drive. To put in the replacement hard drive, just slide it into an appropriate slot.

### **2** Backplane board

This is the board that connects the hard drives to the system mainboard. You will need to remove this board and its cage before you replace a failed hard drive.

### **3** Mainboard connector

Ensure the connector on the backplane board is aligned with the main board connector when replacing a hard drive.

# Installation

## Hardware setup

1. Remove Aspire easyStore from its packaging.



2. Place Aspire easyStore in a location with hard and solid surface and near a power outlet.



3. Connect the enclosed Ethernet cable to an available Ethernet port on your computer or network hub/switch/router. Connect the other side of the cable to the Ethernet port on the back of Aspire easyStore. Connect this cable first even if you intend to use the wireless interface of Aspire easyStore.



4. Connect the enclosed power cord to the power adapter.



5. Connect the power adapter to the power port on the back of Aspire easyStore.



6. Connect the power cord to a power outlet.

## System configuration

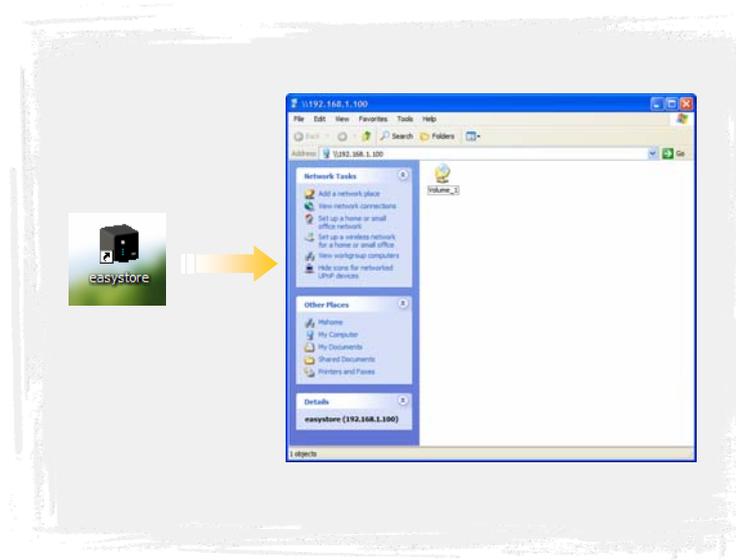
1. Insert the enclosed Aspire easyStore Document and Software CD-ROM into the CD/DVD drive in your computer.



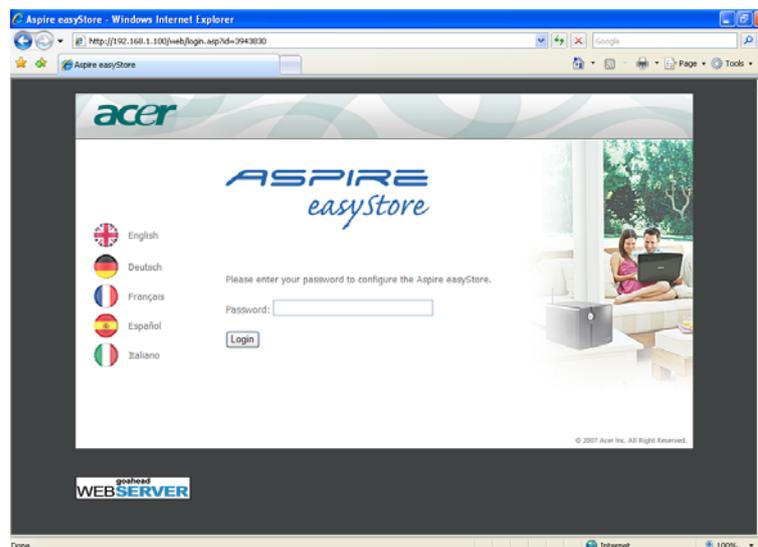
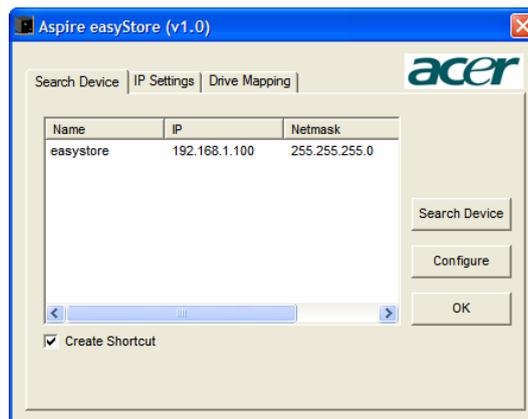
2. The autorun menu should be launched on your computer's display. If not, double-click the CD/DVD Drive icon for the drive containing the Document and Software CD-ROM in My Computer. Find Setup.exe and double-click it.



3. Click the **easySearch** utility on the menu and wait for a few seconds to let it complete searching your network for Aspire easyStore. If you are using Microsoft Windows XP SP2 or later, Windows Firewall might display a dialog box to ask your permission to unblock this utility. Click on the **Unblock** button to ensure this utility functions correctly.
4. When the easySearch utility has found your Aspire easyStore, it will automatically create a shortcut to Aspire easyStore on your desktop. Double-click the shortcut on your desktop; it will open the shared folders on Aspire easyStore. After opening, you can start storing and sharing all your data and memories.



Note: If you would like to configure Aspire easyStore for advanced functions and services, you can change Aspire easyStore settings by opening the easySearch utility and then clicking the **Configure** button. It will launch your web browser automatically and open the Aspire easyStore login page.



# Getting started with your Aspire easyStore

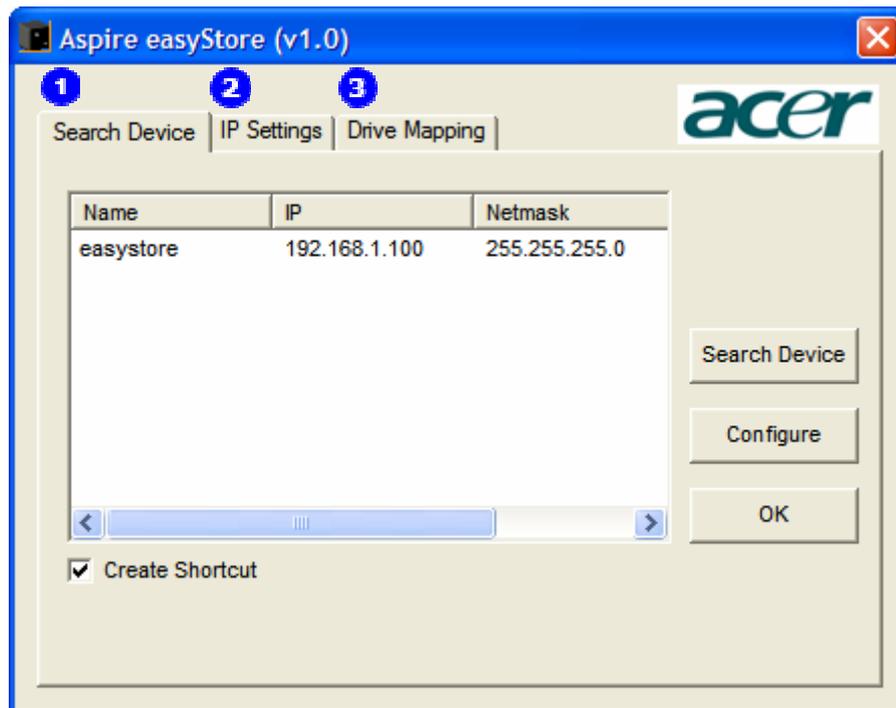
When you power on the Aspire easyStore for the first time, by default, the Aspire easyStore will look for a DHCP (Dynamic Host Configuration Protocol) server in your home network and will try to get an IP address from it. Your Internet Gateway/Router is usually the DHCP server inside your home network. If the Aspire easyStore fails to find a DHCP server, it will configure itself with the static IP address of 192.168.1.100. Use of the included easySearch Utility is recommended when accessing and configuring the Aspire easyStore for the first time. If you want to change the IP address of the Aspire easyStore or are unable to connect to the Aspire easyStore, you can use the Acer easySearch utility provided on the product CD to locate the device on your network and make any needed changes.

## Using the easySearch utility

You can launch the easySearch utility by clicking the button on the Autorun menu or manually browsing for the program in the product CD.

If you are using Windows XP Service Pack 2 or later, or Windows Vista<sup>®</sup>, Windows Firewall may ask you if you want to keep blocking this program. Please click Unblock button; otherwise, the easySearch utility may not function correctly.

The easySearch utility contains three major functions.



**1 Search Device**

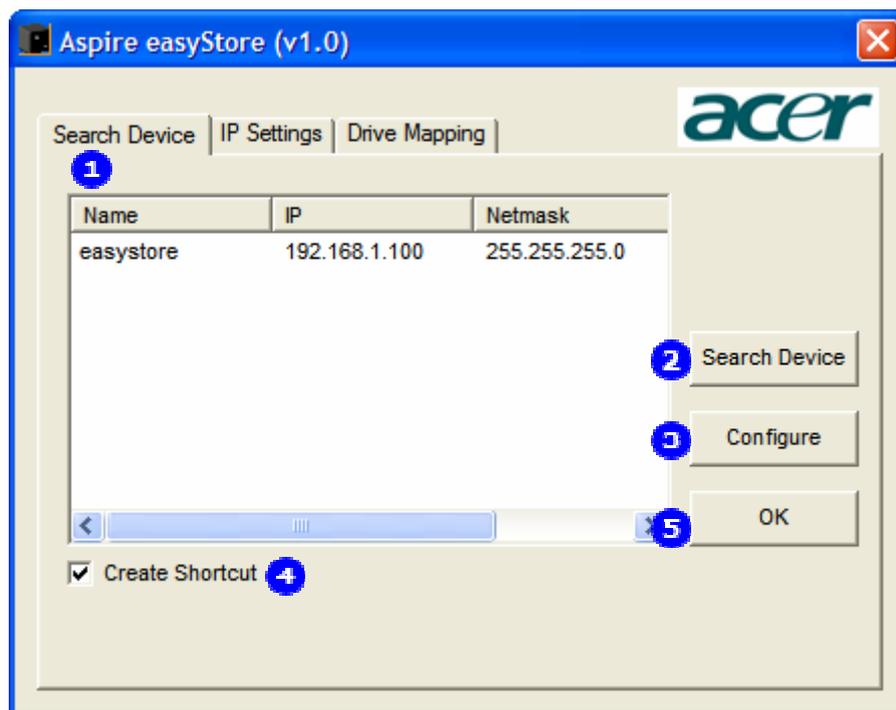
On this page, you can use the easySearch utility to find your Aspire easyStore and create an easy-to-access shortcut to your desktop.

**2 IP Address Settings**

On this page, you can change the IP address settings of your Aspire easyStore.

**3 Drive Mapping**

On this page, the easySearch utility will help you to map your favorite shares with a drive letter inside My Computer.



### Search Device

#### 1 Network Storage Device

The easySearch utility will display any Aspire easyStore device it found on the network with its device name, current IP address and subnet mask here.

#### 2 Search Device

You can click this button and the easySearch utility will search the network again for Aspire easyStore devices.

#### 3 Configure

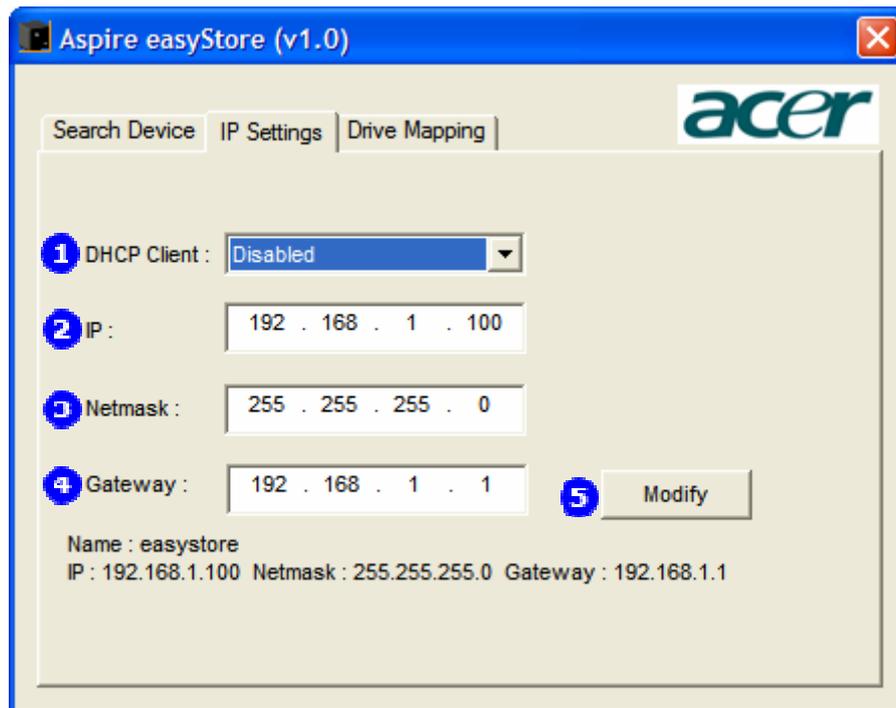
Select any found Aspire easyStore and click this button to launch your web browser and bring you to the web login page of the Aspire easyStore you selected.

#### 4 Create Shortcut

By default, this function is enabled. When the easySearch utility finds any Aspire easyStore devices on your network, it will automatically create a shortcut for each device found on your desktop. A small Aspire easyStore icon will represent each shortcut. If you do not want the easySearch utility to create a shortcut for you, uncheck this box.

#### 5 OK

By clicking this button, easySearch will open the default share folder window for you.



### IP Settings

To use this page, you will need to select any Aspire easyStore found by this utility on the Search Device page first.

#### 1 DHCP Client

By default, the Aspire easyStore device is configured with the DHCP client function enabled. It means the Aspire easyStore will automatically look for any DHCP server and request the server to assign an IP address to it when booting up. If you would like to set the IP address of your Aspire easyStore manually, you will need to disable this function first.

#### 2 IP

Please fill in the IP address you would like to assign to the Aspire easyStore here. This function cannot be used unless the DHCP Client function is set to disabled.

#### 3 Netmask

Please fill in the Subnet Mask you would like to assign to the Aspire easyStore here. If you do not know how to set this value, please check your home network router settings first. This function cannot be used unless the DHCP Client function is disabled.

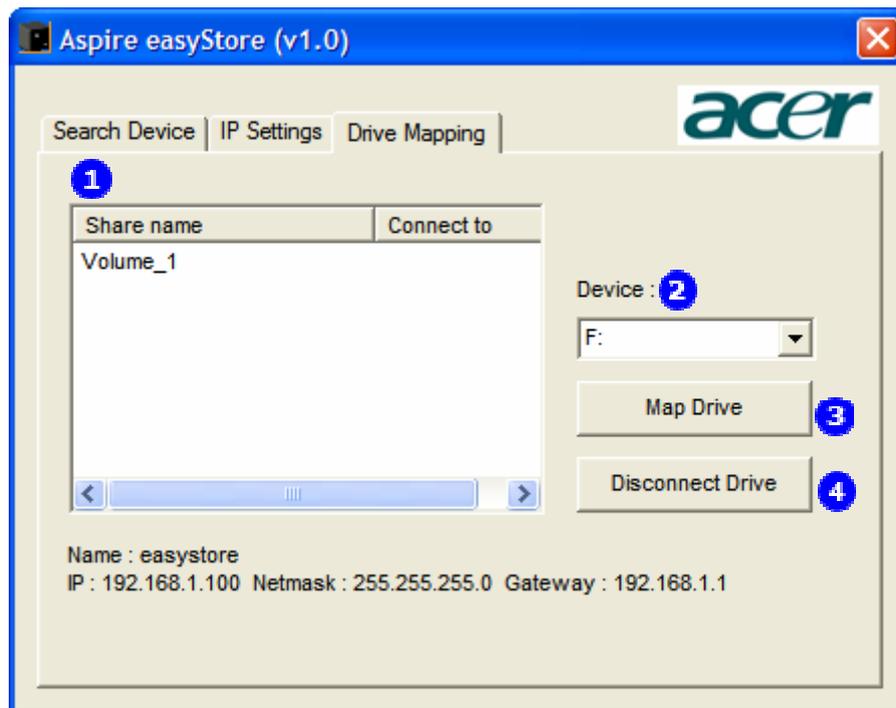
#### 4 Gateway

Please fill in the Gateway IP address of your home network. This IP address is usually your home network router IP address. This function cannot be used unless the DHCP Client function is disabled.

#### 5 Modify

You will need to click this button to send the configuration you updated to the Aspire easyStore. If you leave this page before clicking the Modify button, all changes you made

will be lost.



### Drive Mapping

To use this page, you will need to select any Aspire easyStore found by this utility on the Search Device page first.

#### 1 Share Names

All available shared folders on the Aspire easyStore you selected on the Search Device page will be displayed here.

#### 2 Available Drive Letters

easySearch list all available drive letters on your computer here.

#### 3 Map Drive

To map a shared folder on Aspire easyStore to a mapped drive inside your computer, you will need to select an available shared folder displayed in Share Name, then choose an available drive letter you like, and click the Map Drive button. The easySearch utility will automatically create a permanent drive inside your computer. Please note, if you change the IP address after you map a shared folder to drive, the drive will not get updates to the new IP address automatically. You will need to disconnect it first, then map the drive again.

#### 4 Disconnect Drive

To disconnect any mapped drive, you will first need to select the shared folder in the Share Names page, then click Disconnect Drive. The easySearch utility will remove the drive mapping from your computer but it will not affect the data you stored on Aspire easyStore.

# Storing your first data to Aspire easyStore

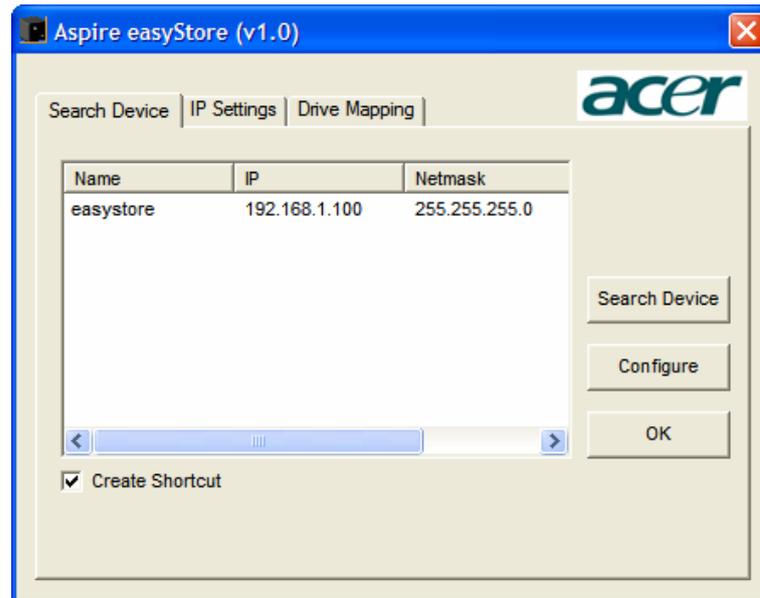
1. Ensure all cables are firmly attached, as described in previous chapter.



2. Power on Aspire easyStore. The power switch is located at the back of the device.



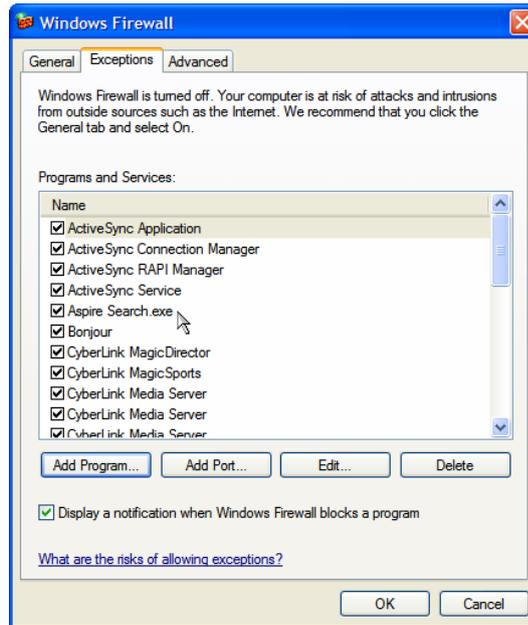
3. Launch the easySearch utility.



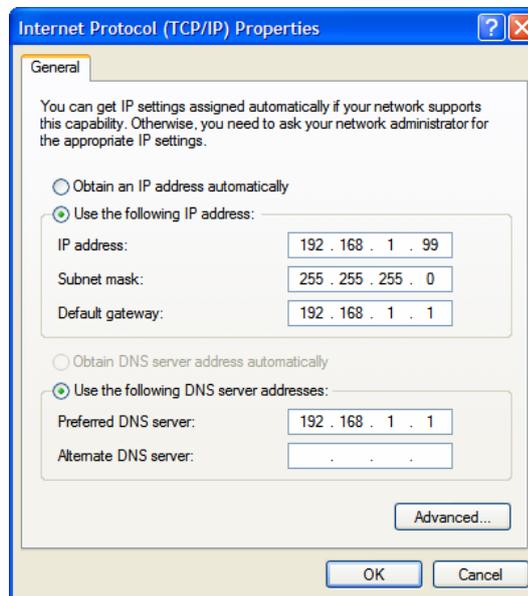
4. If the easySearch utility does not find any Aspire easyStore device, please check:
  - i. If the Power, Status and LAN LEDs are all in solid BLUE.



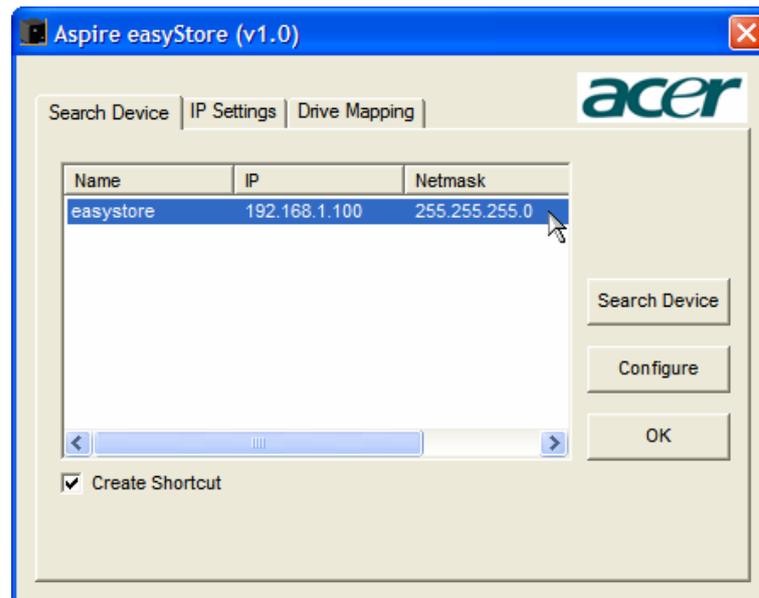
- ii. Check your Windows Firewall setting to ensure it is not blocking this utility.



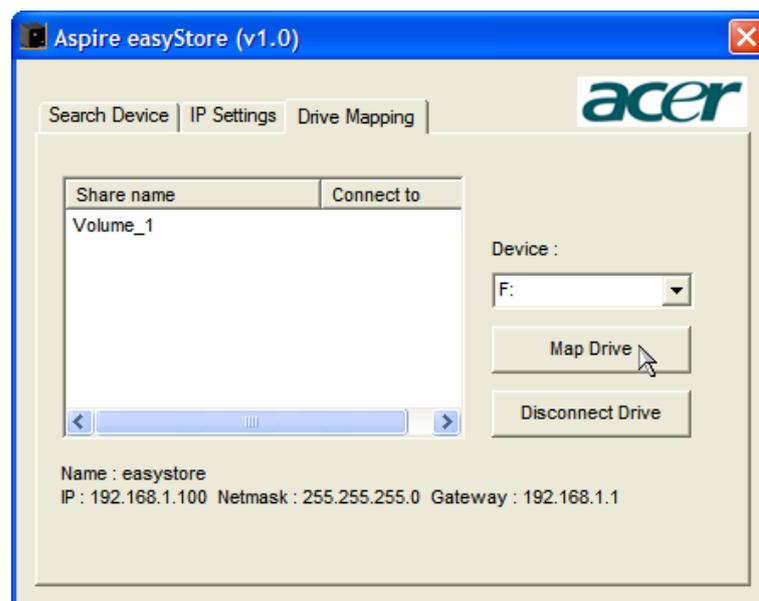
- iii. If you do not have a DHCP server on your network, you may need to change your computer's IP address to an IP in the 192.168.1.xx subnet. For example, 192.168.1.99. Do not set your computer IP address to 192.168.1.100, since Aspire easyStore will use this IP address if it does not find any DHCP server.



- 5. If the easySearch utility finds your Aspire easyStore device, please select the device first and go to the Drive Mapping page.

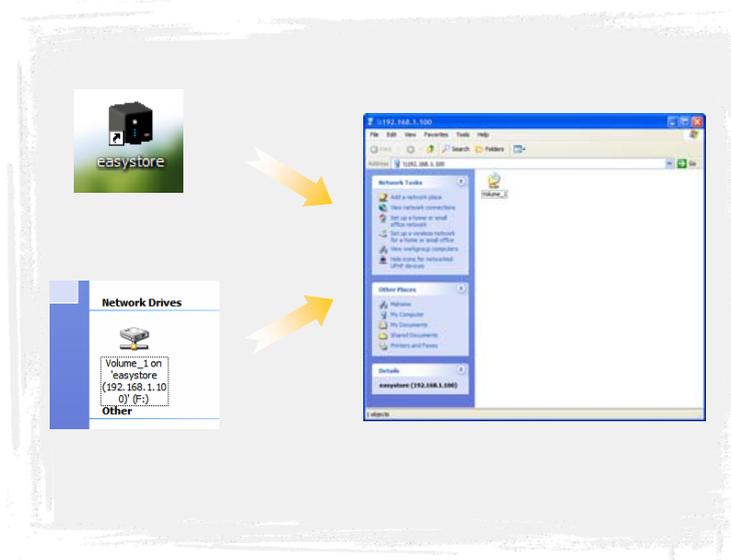


6. You should see a shared folder called Volume\_1 in Share Names. Select the shared folder Volume\_1 and click Map Drive.



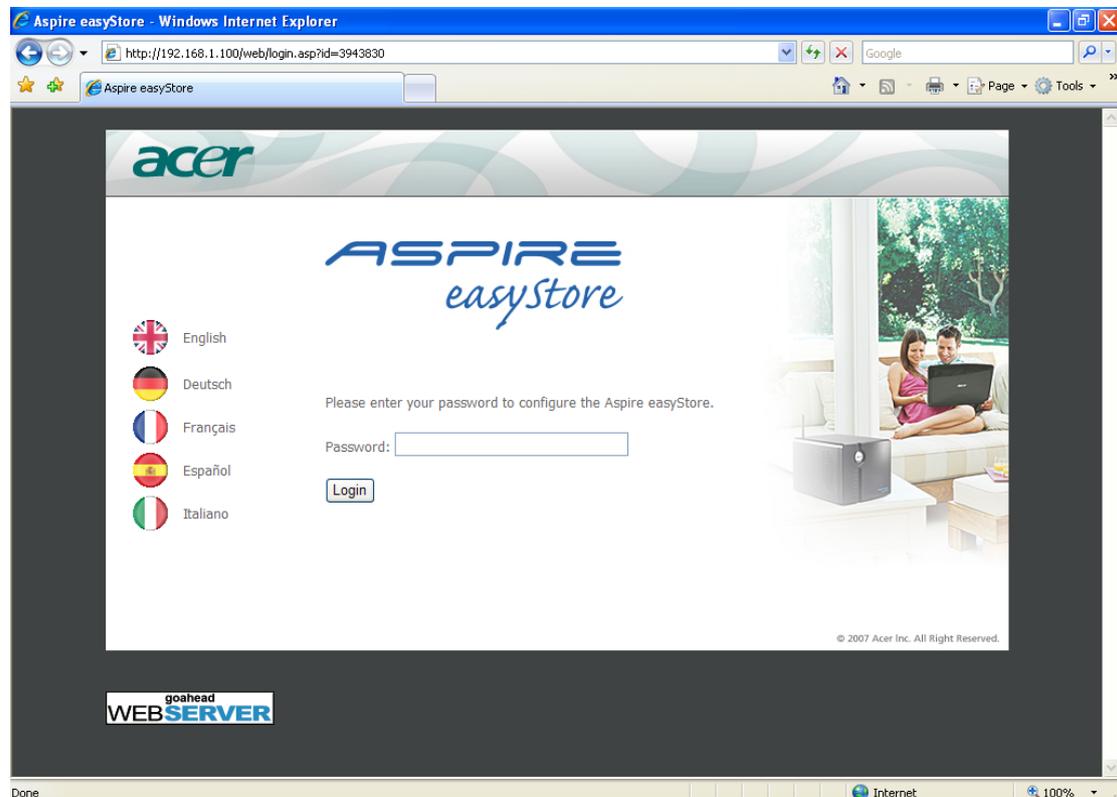
7. Now there are two ways to start to storing your data to Aspire easyStore.
  - i. When easySearch utility found your Aspire easyStore device, it already created a shortcut on your desktop. You can click the shortcut with an Aspire easyStore icon and it will open the root folder of your Aspire easyStore with a folder called Volume\_1. You can start to store anything inside the Volume\_1 folder.
  - ii. Double click the My Computer icon in your Start menu or on your desktop. You should see a network drive named Volume\_1. Double click on the network drive and you can start to store your data on your Aspire

easyStore.



## Using the web user interface

When the easySearch utility finds any Aspire easyStore devices, you can select the Aspire easyStore device found and click Log In. It will automatically bring you to the login page of the selected Aspire easyStore.



The default password of the Aspire easyStore web UI is "admin". Enter it and click the

Login button to go to the web configuration page of Aspire easyStore.

When you log in to Aspire easyStore for the first time or immediately after a factory reset, Aspire easyStore will launch the device setup wizard automatically.

Follow these steps to configure Aspire easyStore from the web UI:

1. Change the web user interface login password. You can enter any password you like between 5 to 16 characters. Please note, the password is case sensitive and cannot contain the following special characters \/: \* ? \" < > | . ; + = ~ \ ' [ ] { } @ # ( ) ! ^ \$ % & , \_ -

The screenshot shows the '1. Set Admin Password' step of the configuration wizard. It features the Acer logo on the left and the 'ASPIRE easyStore' logo on the right. Below the title bar, there is a sub-header '1. Set Admin Password :', followed by the instruction: 'You may change the admin account password by entering a new password. Click Next to continue.' There are two input fields: 'New password' and 'Confirm password'. A 'Next' button is located in the bottom right corner.

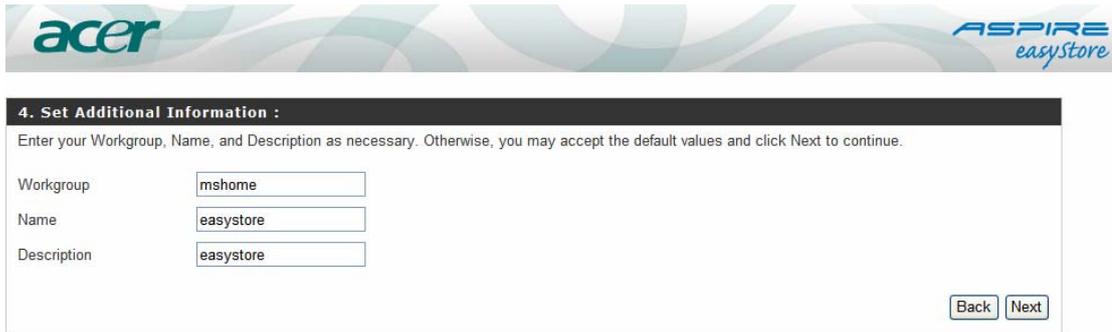
2. Choose your time zone. The default time zone is GMT (Greenwich Mean Time).

The screenshot shows the '2. Choose Time Zone' step. It features the Acer logo on the left and the 'ASPIRE easyStore' logo on the right. Below the title bar, there is a sub-header '2. Choose Time Zone :', followed by the instruction: 'Select the appropriate time zone for your location and click Next to continue.' There is a 'Time Zone' dropdown menu with the selected option 'GMT Greenwich Mean Time: Dublin, Edinburgh, Lisbon, London'. 'Back' and 'Next' buttons are in the bottom right corner.

3. Set the IP address of your Aspire easyStore.

The screenshot shows the '3. Set LAN Connection Type' step. It features the Acer logo on the left and the 'ASPIRE easyStore' logo on the right. Below the title bar, there is a sub-header '3. Set LAN Connection Type :', followed by the instruction: 'Select your connection type and fill out the IP information as necessary. Click Next to continue.' There are two radio buttons: 'DHCP Client' (selected) and 'Static IP'. Below this, there are five input fields: 'IP Address' (192.168.1.100), 'Subnet Mask' (255.255.255.0), 'Gateway IP Address' (192.168.1.1), 'DNS1', and 'DNS2'. 'Back' and 'Next' buttons are in the bottom right corner.

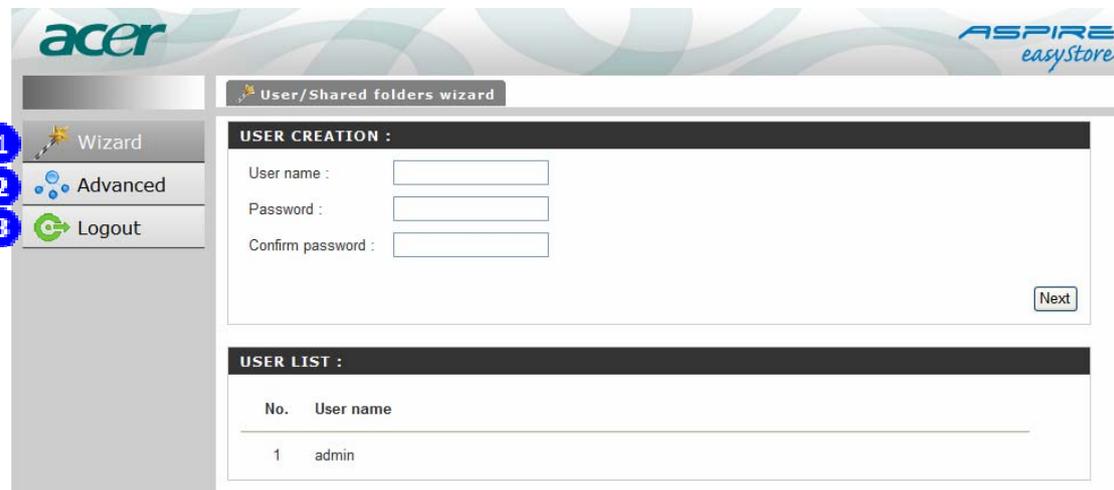
4. Set the device name, description and its workgroup.



5. Finally, confirm all changes and restart the Aspire easyStore to effect the changes.



After the system reboots, you will be brought back to the login page of the Aspire easyStore. Please log in with the new password you set in the first step of the device setup wizard and click Login.



On the left side of the screen, there are three options:

**1 Wizards**

The first page after you login. All current user accounts of Aspire easyStore will be listed on this page and you can create additional users through the User/Share Folder Wizard.

**2 Advanced**

Advanced configuration of Aspire easyStore. Detailed information will be provided in the next chapters.

### **3 Logout**

Once you finish configuring Aspire easyStore, you can click on Logout to leave the web UI. Please note, Aspire easyStore will only allow one administrator to log in to the web UI at any given time. If you did not logout by using the Logout function, you may need to wait 10 minutes to allow the current session to time out before you can log in again in another computer.

# Managing user accounts and shared folders

By default, Aspire easyStore allows full read/write permission for everyone on the default shared folder Volume\_1. This allows users to start using Aspire easyStore more quickly and easily. However, as data stored on Aspire easyStore increases, you may wish to add more user accounts and shared folders with different permissions to help you manage and organize data.

## Creating user accounts and shared folders using the wizard

After you log in to Aspire easyStore, the first page you see is the User/Shared Folder Wizard. By clicking the User/Shared Folder Wizard button, Aspire easyStore will launch a wizard to help you create new user accounts and assign permission to shared folders.

### User/Shared Folder Wizard

The screenshot displays the Aspire easyStore User/Shared Folder Wizard interface. The top left features the Acer logo, and the top right shows the Aspire easyStore logo. A sidebar on the left contains three buttons: 'Wizard' (with a wizard icon), 'Advanced' (with a gear icon), and 'Logout' (with a green arrow icon). The main content area is titled 'User/Shared folders wizard' and is divided into two sections. The first section, 'USER CREATION', contains three input fields: 'User name', 'Password', and 'Confirm password'. Each field has a blue numbered icon (1, 2, 3) to its right. A 'Next' button is located at the bottom right of this section. The second section, 'USER LIST', contains a table with the following data:

No.	User name
1	admin

#### **1** User Name

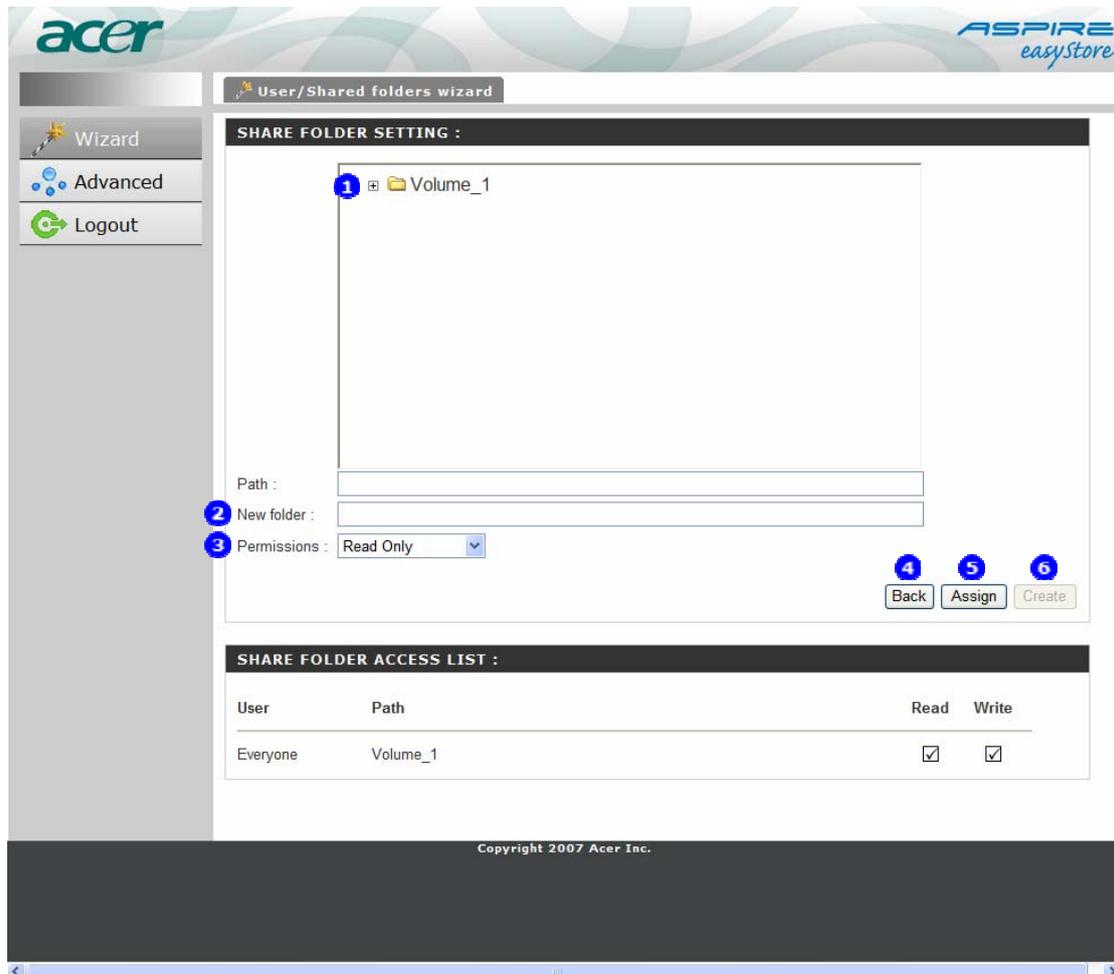
Enter the user account name you would like to create. The user name must be unique and should not have more than 16 characters.

## 2 Password

Enter the password of the user account you would like to create. The password can have 5 to 16 characters.

## 3 Confirm Password

Re-enter the password again to avoid mistyping.



## 1 Folder

Browse and click the folder you would like to give access to the user account previously created.

## 2 New Folder

If you would like to create a new folder, enter the new folder name here.

## 3 Permission

Set the user account permission to Read Only or Read/Write on the disk directory folder selected or created.

## 4 Back

Return to the previous step.

## 5 Assign

Assign selected permission to the selected disk directory folder for the user account previously created.

**b Create**

Create a new folder under the selected disk directory folder and assign it with selected permission for the user account previously created.

# Advanced configuration

## Users

**1 User Name**

Enter the user account name you would like to create. The user name must be unique and should not have more than 16 characters.

**2 Password**

Enter the password of the user account you would like to create. The password can have 5 to 16 characters.

**3 Confirm Password**

Re-enter the password again to avoid mistyping.

**4 Add**

Click this to create a user account based on the information provided.

### User Lists

All user accounts on Aspire easyStore are displayed here.

USER LIST :			
No.	User name	<b>1</b> Change password	<b>2</b> Delete
1	admin		
2	allen		
3	edy		
4	joe		

**1 Change Password**

Click this icon after the user account name to modify its password.

**2 Delete**

Click this icon after the user account name to delete this user account.

## Quota

Aspire easyStore supports storage quotas for individual user accounts. Assigning a quota will limit the amount of storage space that a user account can use. By default, user accounts do not have any quota limitation.

**QUOTA SETTINGS :**  
Assign hard drive space quotas for users.

**USER QUOTA SETTINGS :**

No.	User name	Used	Limit	Edit
1	allen	589 MB	10000 MB	
2	edy	Unlimited		
3	joe	0 MB	30000 MB	

**QUOTA STATUS :**  
Status : Started Disable

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**USER QUOTA SETTINGS :**

User name :

Volume\_1 Quota :  MB

No.	User name	Used	Limit	Edit
1	allen	589 MB	10000 MB	
2	edy	Unlimited		
3	joe	0 MB	30000 MB	

### User Quota Setting

User quotas are displayed here. Quotas can be edited by clicking on the notepad icon. By default, all user accounts are displayed on the Quota Settings page. The default quota setting is Unlimited. If quota is set on particular user account, it will show the quota setting for the user account and how much space the user account has already consumed.

**QUOTA STATUS :**  
Status : Started Disable

### Quota Status

Displays the current status of the quota feature. The quota function can be enabled or stopped here.

## Shared folder access control

Every disk directory folder may be assigned as a shared folder. A disk directory folder may contain different permissions for the same user account when accessed from different shared folders. Below is a typical usage scenario:

Assume that Joe is the owner of the Aspire easyStore and has stored many music files under the disk directory `/Volume_1/music`. Joe can access these music files through the default shared folder [\\Volume\\_1](#) with Read/Write permission and so can Joe's sister, Susan.

One day, Susan accidentally deleted some music files under disk directory `/Volume_1/music`. To prevent this from happening again, Joe decided to remove Susan's permission to access the default shared folder [\\Volume\\_1](#) and re-assign the shared folder [\\Volume\\_1](#) to Joe only. Susan can no longer access the Aspire easyStore since she now has no permission right to any shared folder on the Aspire easyStore.

After few weeks, Joe decided to let Susan enjoy the music files on the Aspire easyStore again. In order to prevent Susan from deleting any file, Joe decided to create a new shared folder called [\\music](#) directly pointed at disk directory folder `/Volume_1/music`. Joe assigned Susan with Read Only permission to the [\\music](#) shared folder. Now, Susan can enjoy those music files stored on the Aspire easyStore again by accessing the [\\music](#) shared folder but she will not be able to delete any file because she only has Read Only permission to the [\\music](#) shared folder.

Meantime, Joe can keep storing and organizing those music files through [\\Volume\\_1](#) shared folder. Any changes Joe makes will also be seen by Susan in the [\\music](#) shared folder.

**Shared Folder Access Control**

**NETWORK ACCESS SETTINGS :**  
Assign permissions for users on the local network.

**NETWORK ACCESS SETTINGS :**

User :

- Volume\_1
  - media
    - music
      - photo
      - video
    - share1
    - share2

Path :

New folder :

Permissions :

**SHARE FOLDER ACCESS LIST :**

Share	Path	User	Read	Write	Delete
Volume_1	Volume_1	Everyone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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**NETWORK ACCESS SETTINGS :**

1 User :

2  Volume\_1  
   media  
     music  
       photo  
       video  
   share1  
   share2

Path :

3 New folder :

4 Permissions :

5 Assign    6 Create    7 Delete

### 1 User

Pick the user that you are going to assign permission to. The drop-down menu will list every user account on the Aspire easyStore plus two special accounts. One is All Users, which represents all created user accounts on the Aspire easyStore. The other is Everyone, which represents all user accounts on the Aspire easyStore plus any guest users who do not have user account with Aspire easyStore.

### 2 Folder

Browse and click the folder you would like to give access to the user account selected in User drop-down menu.

### 3 New Folder

If you would like to create a new folder, enter the new folder name here.

### 4 Permission

Set the user account permission to Read Only or Read/Write on the disk directory folder selected or created.

### 5 Assign

Assign selected permission to the selected disk directory folder for the user account previously created.

### 6 Create

Create a new folder under the selected disk directory folder and assign it with selected permission for the user account selected in the User drop-down menu.

### 7 Delete

Delete the disk directory folder selected.

## Shared Folder Access List

Lists all defined shared folders and access rules.

SHARE FOLDER ACCESS LIST :					
Share	Path	User	Read	Write	Delete
music	Volume_1/media/music	allen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
photo	Volume_1/media/photo	All users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
video	Volume_1/media/video	joe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Please note: Each disk directory folder can be assigned as a shared folder once. If you assign one disk directory folder as a shared folder [\\sample](#) to user account A with Read/Write permission, you can later assign the same disk directory folder as a shared folder to user account B with Read Only permission. The last change you make will overwrite the first shared folder access rule. This means, user account A will no longer have access permission to the shared folder [\\sample](#) since the shared folder access rule was overwritten. Only user account B will have the permission to access the shared folder [\\sample](#).

# Advanced services

In this chapter, we will explore some exciting services provided on Aspire easyStore.

## FTP services

Aspire easyStore is equipped with a built-in FTP server. The server is easy to configure and allows users access to important data whether they are on the local home network or in the office. The FTP server can be configured to allow user access to specific directories, and will allow up to 10 users to access the Aspire easyStore at a time.

The current settings and status of the Aspire easyStore FTP server are displayed here.

**FTP SERVER SETTINGS :**

Assign permissions for users who will be accessing the FTP server via the Internet.

**FTP SERVER SETTINGS :**

Maximum users : 10  
 Idle time : 2 1 to 10 minutes  
 Port : 21 (1 to 65535, default: 21)  
 Flow control :  Unlimited  [ ] x 10 KB/s

Save settings

**FTP ACCOUNT SETTINGS :**

User : Please select a user.

Volume\_1

Path : [ ]  
 Permissions : Read only

Save settings

**FTP ACCESS LIST :**

Path	User	Read	Write	Delete
Volume_1/media	edy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Volume_1/share1	anonymous	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**FTP SERVER STATUS :**

Status : Started  
 Port : 21  
 Maximum users : 10  
 Flow control : Unlimited  
 Idle time : 2

Stop FTP server.

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**FTP SERVER SETTINGS :**

1 Maximum users : 10  
 2 Idle time : 2 1 to 10 minutes  
 3 Port : 21 (1 to 65535, default: 21)  
 4 Flow control :  Unlimited  [ ] x 10 KB/s

5 Save settings

**1 Max User**

Sets the maximum number of users who can connect to the FTP server.

**2 Idle Time**

Sets the amount of time a user can remain idle before being disconnected.

**3 Port**

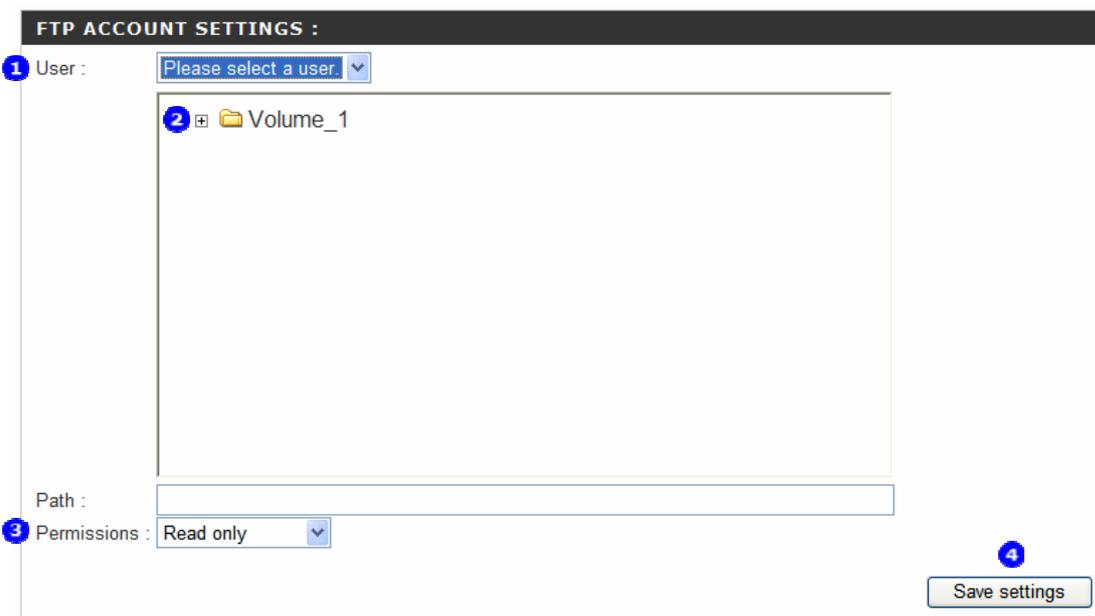
Sets the FTP port. Default is 21.

**4 Flow Control**

Allows you to limit the bandwidth available for each user.

**5 Save settings**

Click Save settings for the settings to take effect.



**FTP ACCOUNT SETTINGS :**

1 User : Please select a user. v

2 Volume\_1

Path :

3 Permissions : Read only v

4 Save settings

**1 User**

Select the user for which the FTP server rule will apply.

**2 Folder**

Browse to and select the folder or directory you are granting FTP access to.

**3 Permission**

Set the user permission to Read Only or Read/Write.

**4 Save settings**

Click Save settings to add the user or group FTP rule.



**FTP ACCESS LIST :**

Path	User	Read	Write	Delete
Volume_1/media	edy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Volume_1/share1	anonymous	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**FTP Access List**

Lists all current defined FTP rules.

**FTP SERVER STATUS :**

Status :	Started
Port :	21
Maximum users :	10
Flow control :	Unlimited
Idle time :	2



### FTP Server Status

The current settings and status of the Aspire easyStore FTP Server are displayed here.

#### Start FTP Server

Click this button to start or stop the FTP server.

If you are behind a router, you will need to forward the FTP port from the router to the Aspire easyStore. Additional filtering and firewall settings may need to be modified on your router to allow FTP access to the Aspire easyStore from the Internet. Once the port has been forwarded from the router, users on the Internet will access the FTP server through the WAN IP address of the router. If you use an FTP port other than 21, users accessing the FTP server using an FTP client will have to specify the non-standard port, and users who are using a browser will have to specify the port in the URL.

# DHCP services

Aspire easyStore can also be used as a DHCP Server. As a DHCP server, it can be used to serve IP addresses to devices on your local network; however, this feature should not be enabled if you already have a DHCP server, such as a router on your local network.

The screenshot displays the Aspire easyStore web interface for configuring DHCP services. The interface includes a navigation menu on the left and a main content area. The main content area is divided into sections: 'DHCP SERVER SETTINGS', 'DHCP SERVER', and 'DHCP CLIENT LIST'. The 'DHCP SERVER' section contains configuration options for enabling the server, setting the starting and ending IP addresses, and selecting the lease time. The 'DHCP CLIENT LIST' section shows a table of active clients.

Host Name	IP Address	MAC Address	Expired Time
pm-allen-chang	192.168.1.101	00:16:36:1f:88:d7	6 days, 23 hours, 59 minutes, 45 seconds

## 1 DHCP Server

Enables or disables the Aspire easyStore DHCP Server.

## 2 Starting IP Address

Enter the starting IP address for the range of addresses assigned by the DHCP server.

## 3 Ending IP Address

Enter the ending IP address for the range of addresses assigned by the DHCP server.

## 4 Lease Time

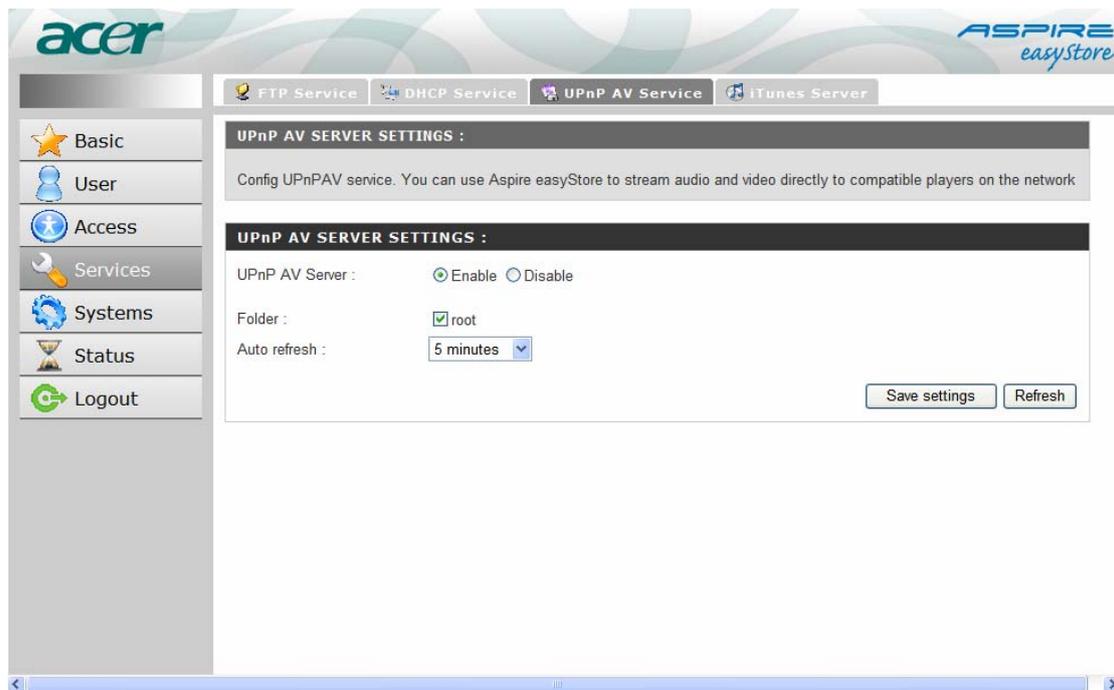
Sets the duration of time that an IP address will remain assigned to a device.

## 5 Save settings

Click Save settings for the settings to take effect.

# UPnP AV services

Aspire easyStore features a UPnP AV server. This server provides the ability to stream photos, music and videos to UPnP AV-compatible network media players. If the server is enabled, Aspire easyStore will be automatically detected by UPnP AV compatible media players on your local network. Current supported file formats including:



## Audio Type

- MP3,WAV/PCM,WMA,AC3/AAC,OGG,AIF/AIFF

## Video Type

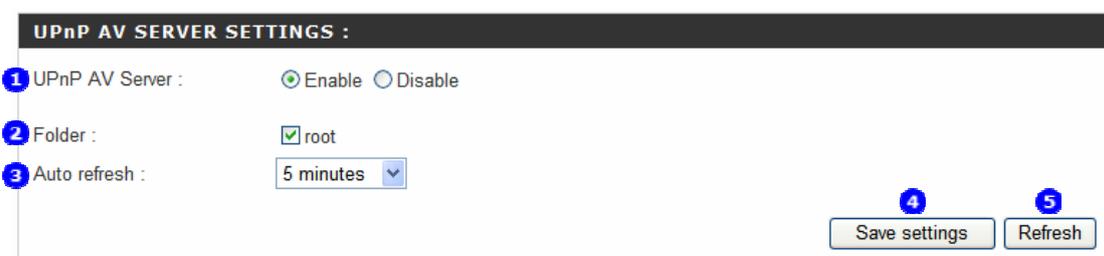
- VOB,AVI,MPEG2,MPEG4,WMV9

## PlayList Type

- M3U,PLS,WPL,RMP,ASX

## Photo Type

- JPG,BMP,GIF,TIF,PNG



### 1 UPnP AV Server

Enables or disables the Aspire easyStore UPnP AV server.

**2 Folder**

Specifies the folder or directory that will be shared by the UPnP AV server. Select root to share the entire volume, or click Browse to select a specific folder.

**3 Auto Refresh**

Select the interval for Aspire easyStore to re-index all media files stored on its hard disk. Please note that large amounts of media files may need longer time to re-index. Do not set the time interval too short if you have large amount of media files stored.

**4 Save settings**

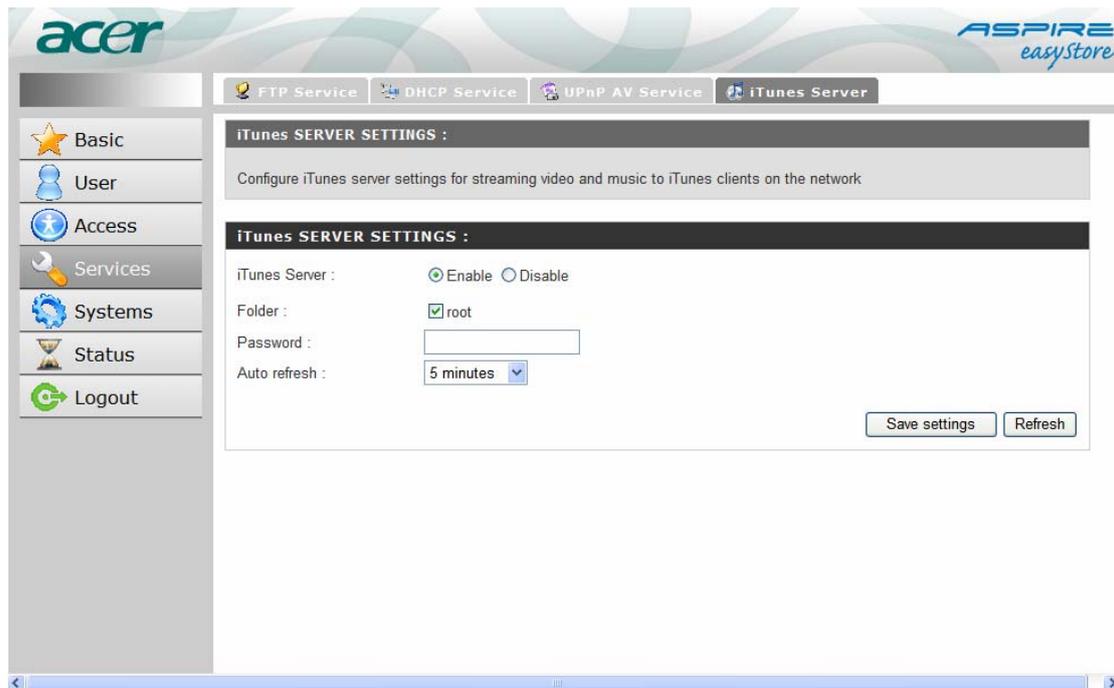
Click Save settings for the settings to take effect.

**5 Refresh**

Click Refresh to manually re-index media files after adding new files.

# Apple iTunes server

Aspire easyStore features an iTunes server. This server provides the ability to share music and videos to computers on the local network running the Apple iTunes application. If the server is enabled, the Aspire easyStore will be automatically detected in iTunes and the music and videos contained in the specified directory will be available to stream over the network.



## 1 iTunes Server

Enables or disables the Aspire easyStore iTunes server.

## 2 Folder

Specifies the folder or directory that will be shared by the iTunes server. Select root to share the entire volume, or click Browse to select a specific folder.

## 3 Password

Sets a password for the iTunes server.

 **Save settings**

Click Save settings for the settings to take effect.

 **Refresh**

Click Refresh after adding new files to be used with iTunes.

# Advanced system configuration and monitoring

In this chapter, we will discuss some tasks that you may need to perform to configure the Aspire easyStore system.

Most of these tasks are detailed system configurations — you do not need to change them normally.

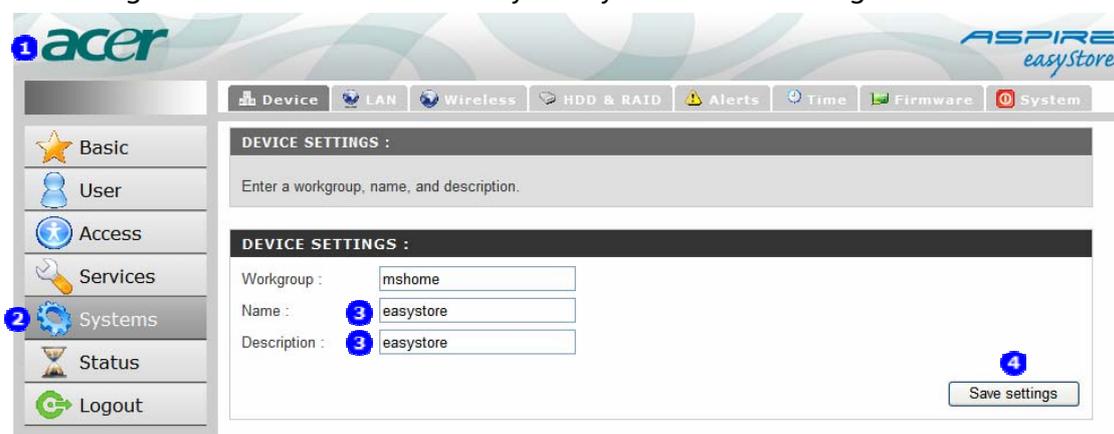
## Assigning a new device name to Aspire easyStore

There may be times when you would like to give your Aspire easyStore a new device name and description, like if you purchased a second Aspire easyStore for your family. The default system name and description of Aspire easyStore are easystore. It may cause confusion if you have multiple Aspire easyStore systems with the same name on your network.

It is very simple to change the device name and description.

1. Log in to the web UI.
2. Click Advanced -> System
3. Enter the new device name and description in the respective fields.
4. Click the Save settings button on the lower-right corner.

The changes will take effect immediately after you click Save settings.



## Putting Aspire easyStore in a different network

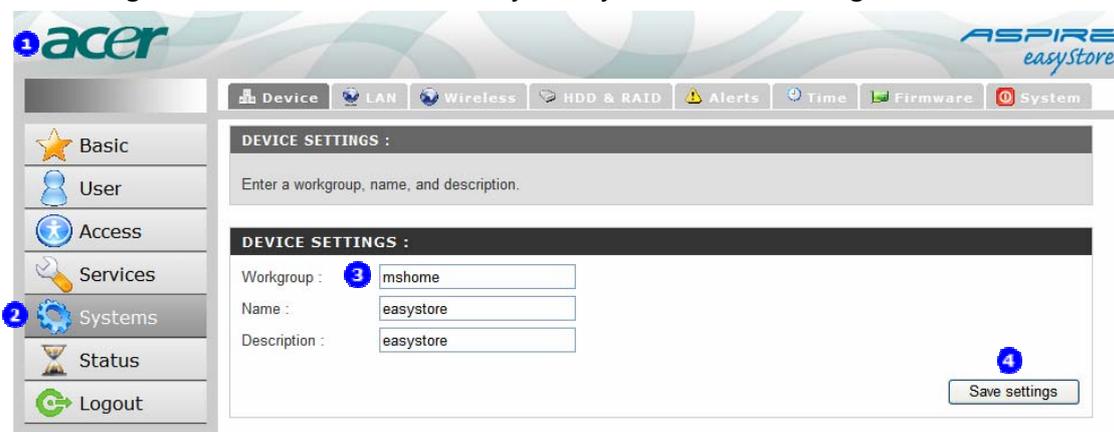
### workgroup

The workgroup is a conceptual collective of computers on a network. In Microsoft Windows systems, when you click on the Network Neighborhood icon in the Start menu or desktop, you will see computers with the same workgroup names. The default workgroup name is mshome for Aspire easyStore and Windows XP Home Edition systems. For Windows XP Professional Edition and Windows Vista®, the default workgroup name is workgroup. If the workgroup name of your Aspire easyStore does not match your computer, you may not be able to find or use the Aspire easyStore system by using Network Neighborhood.

It is very simple to change the device workgroup.

1. Log in to the web UI.
2. Click Advanced -> System.
3. Enter the new device workgroup name.
4. Click the Save settings button on the lower-right corner

The changes will take effect immediately after you click Save settings.



## Changing the IP address of Aspire easyStore

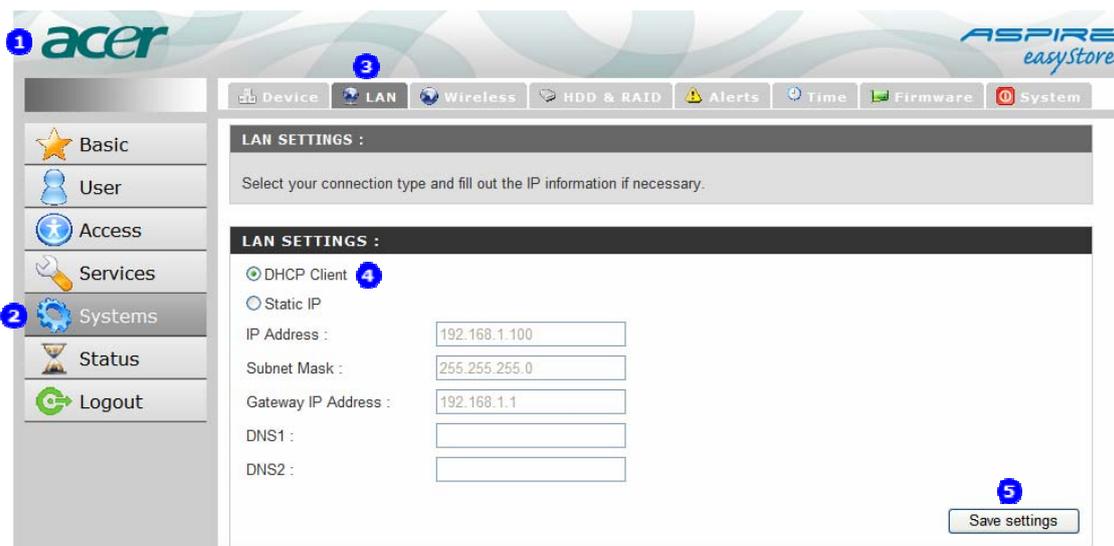
The IP address is the essential and most critical information that you may need to use the Aspire easyStore.

You can configure Aspire easyStore in two modes:

- DHCP Client
- Static IP

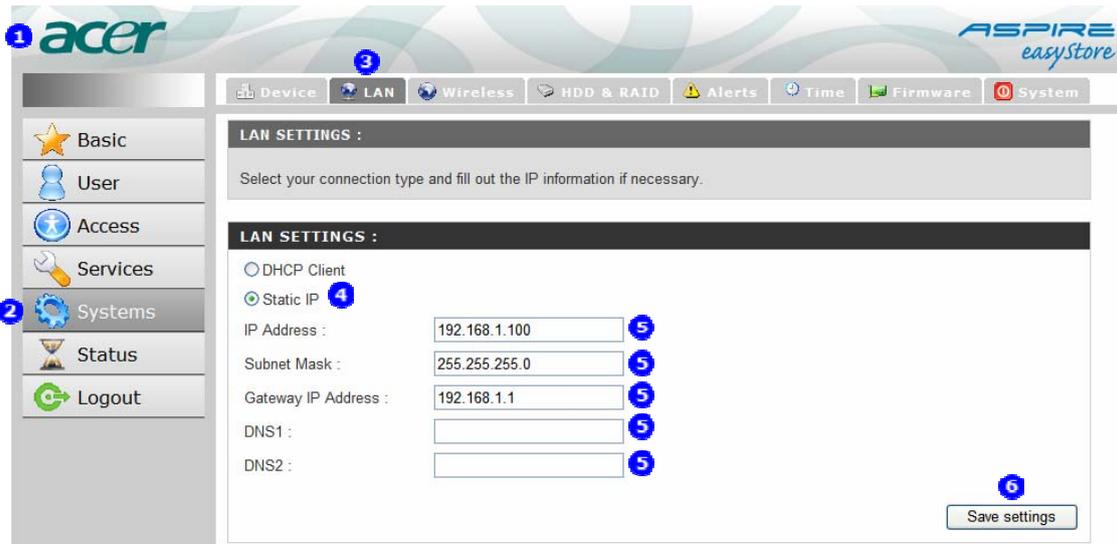
If you have a DHCP server in your network (besides Aspire easyStore itself), you can configure Aspire easyStore to get the IP address information from the DHCP server.

1. Log in to the web UI.
2. Click Advanced -> System
3. Click the LAN tab.
4. Select the DHCP Client option.
5. Click the Save settings button on the lower-right corner.



To configure the IP address information of the Aspire easyStore manually:

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the LAN tab.
4. Select the Static IP option.
5. Fill in every field with the correct information. You will need to enter the IP address and Subnet Mask information at the very least.
6. Click the Save settings button on the lower-right corner.



After you click Save settings, you will be forced to log out. The system will bring you automatically to the login page of the Aspire easyStore with the new IP address.

## Configuring the wireless interface of Aspire

### easyStore

One of the exciting features of the Aspire easyStore is that it comes with standard IEEE 802.11g interface that can be used with your wireless home network.

To configure the wireless interface of Aspire easyStore:

1. Connect Aspire easyStore to a wired network for configuration.



2. Configure Aspire easyStore with the correct IP address.

Device LAN Wireless HDD & RAID

**LAN SETTINGS :**

Select your connection type and fill out the IP information if needed.

**LAN SETTINGS :**

DHCP Client

Static IP

IP Address :

Subnet Mask :

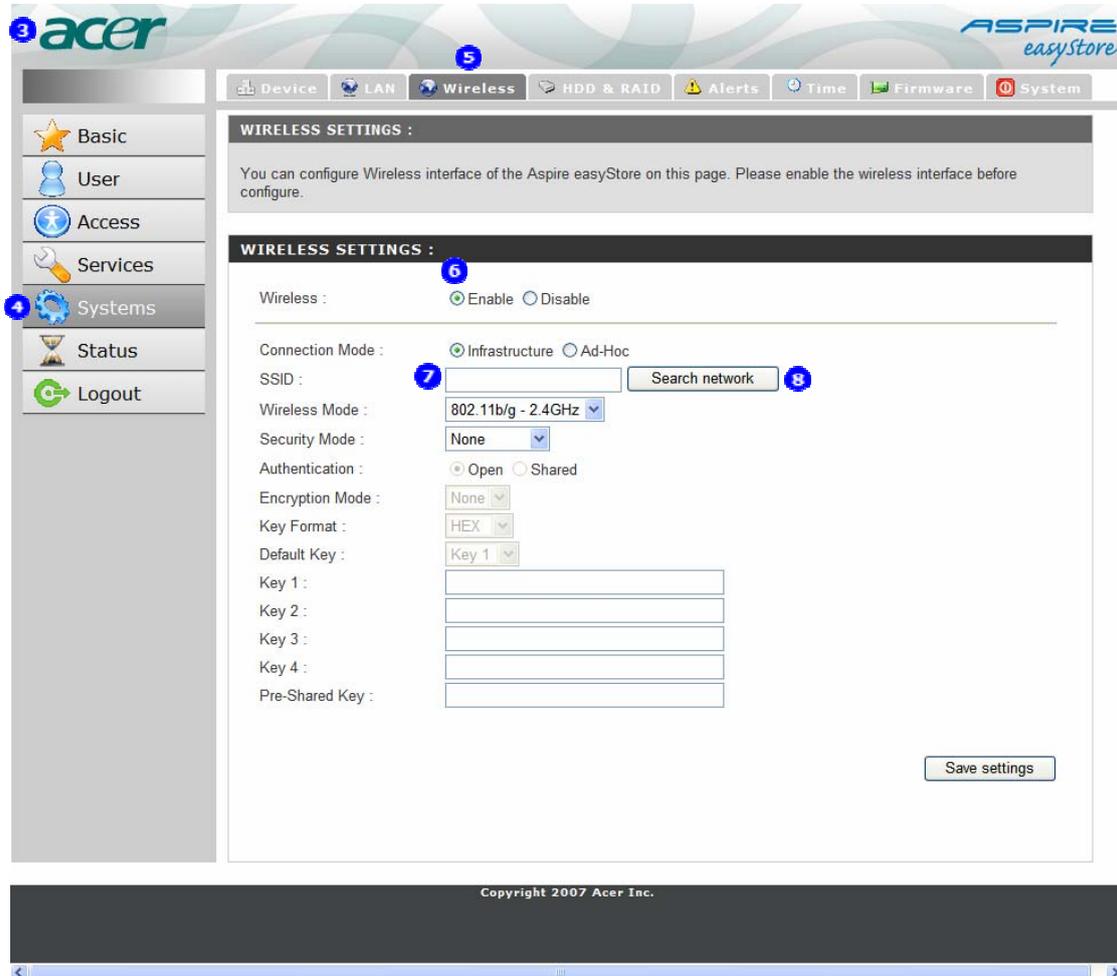
Gateway IP Address :

DNS1 :

DNS2 :

3. Log in to the web UI.
4. Click Advanced -> System.

5. Click the Wireless tab.
6. Select the Wireless: Enable option to turn on the embedded wireless interface card.
7. After enabling your wireless interface card, if you know all the configuration information of your wireless home network, you may enter them manually into each respective column.



8. If you do not know which wireless network you are connecting to, you may click the Site Survey button on the right of SSID.
9. Aspire easyStore will look for all available access points around your home and list them.
10. For access points that are protected with WEP or WPA encryption, a lock icon will be displayed in the WEP column.
11. Select the SSID you would like to connect to and click the Add button.

**WIRELESS SETTINGS :**

**9 Search network**

Connect	SSID	BSSID	Channel	WEP	Signal
<input type="radio"/>	Lanner Wireless	00:19:5B:EF:89:E9	1	<input checked="" type="checkbox"/> Yes	76%
<input type="radio"/>	Lanner Wireless	00:19:5B:EF:89:ED	3	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	Lanner Wireless	00:19:5B:EF:89:EB	5	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	Lanner Wireless	00:19:5B:EF:89:EC	6	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	7f-2	00:05:5D:97:F2:A3	6	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	7f-3	00:0D:88:93:9C:4E	6	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	SinoStar	00:0A:79:82:CA:30	6	<input checked="" type="checkbox"/> Yes	70%
<input type="radio"/>	YesAP	00:13:49:92:0D:EE	6	<input checked="" type="checkbox"/> Yes	94%
<input type="radio"/>	CRS	00:13:46:2D:FD:79	6	<input type="checkbox"/> No	46%
<input type="radio"/>	NS-TEST	00:06:25:C1:79:F9	7	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	7F-3-2	00:0F:3D:DF:E7:8D	11	<input checked="" type="checkbox"/> Yes	100%
<input type="radio"/>	7F-2-2	00:0F:3D:DF:E7:98	11	<input checked="" type="checkbox"/> Yes	100%

SSID	Modify	Connect
Lanner Wireless	<input type="button" value="Modify"/>	<input type="button" value="Connect"/>

12. For access points with WEP or WPA encryption, you will still need to key in the respective keys manually.

13. Click the Save settings button on the lower-right corner

Infrastructure  Ad-Hoc

SSID:

Channel:

Wireless Mode:

Security Mode:

Authentication:  Open  Shared

Encryption Mode:

Key Format:

Default Key:

Key 1:

Key 2:

Key 3:

Key 4:

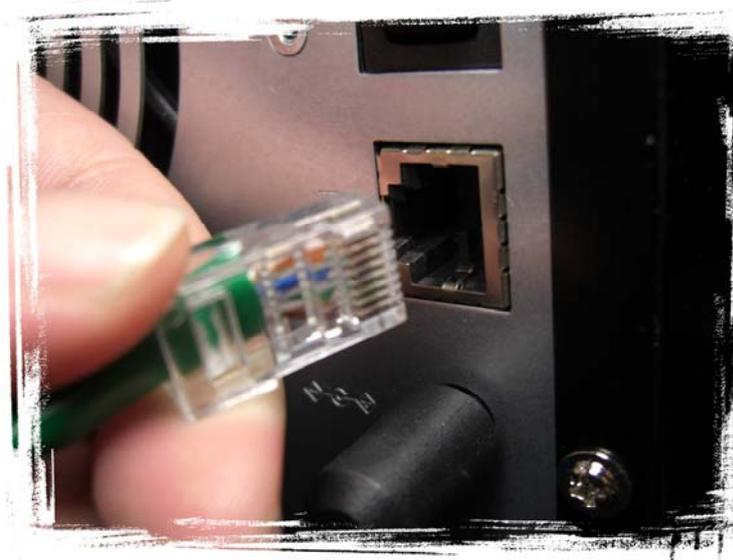
Pre-Shared Key:

**Input 10 HEX characters (0~9,a~f,A~F).**

14. If everything is configured correctly, a message window appears with the message Connected Successfully.



15. You may remove the Ethernet cable from Aspire easyStore.



16. Switch off Aspire easyStore using the power switch at the back of the device.

17. Power on the Aspire easyStore the using the power switch at the back of the device.



After you have successfully configured the wireless interface, be sure to remove the Ethernet cable from the Aspire easyStore. Keeping both connections on may cause unpredictable results.

## Reformatting the hard drives or changing to a different RAID level

Aspire easyStore is shipped with disks configured in RAID5 data protection. If you would like to reformat the hard drives or change to different data protection levels (RAID levels), please follow the steps in this section.

Before you proceed, please note that you will lost all your data stored on Aspire easyStore during the process. Please be sure that you understand how different data protection level works.

### **Data protection (RAID 5 — three disks minimum)**

Aspire easyStore will combine all hard disks you put inside the system to one large storage area. An amount of disk space equal to one disk is used for data protection, and the rest is used for data storage. The data is distributed in such a way that it can be recovered if any one disk fails.

### **Data duplication (RAID 1 — 2 or 4 disks only)**

Aspire easyStore will combine all hard disks you put inside the system to one large storage area. Half of the disk space is used for data storage, and the other half is used for a duplicate (mirror) of that data. If one disk fails, you have a backup copy.

### **Better performance, no data protection (RAID 0 - two disks minimum)**

Aspire easyStore will combine all hard disks you put inside the system as one large storage area. All the disk space is used for data storage. Data stored on the Aspire easyStore are distributed among all the hard disks. When you read or write data, you will get better performance; however, if any disk fails, you will lose all data stored on Aspire easyStore.

### **Expandable, no data protection (JBOD - one disk minimum)**

Aspire easyStore will combine all hard disks you put inside the system as one large storage area. All the disk space is used for data storage, and you can add more disks later without affecting your existing data.

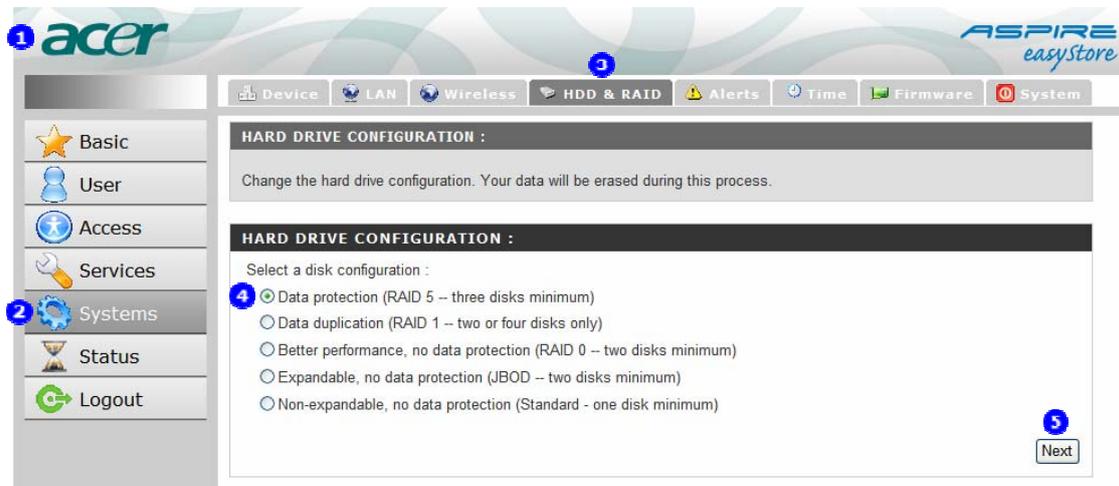
### **Non-expandable, no data protection (Standard - one disk minimum)**

Each hard disk is a standalone storage area. You can not expand the storage area of each disk even if you add more disks into the Aspire easyStore; however, if any disk fails, data stored on other hard disks will not be affected.

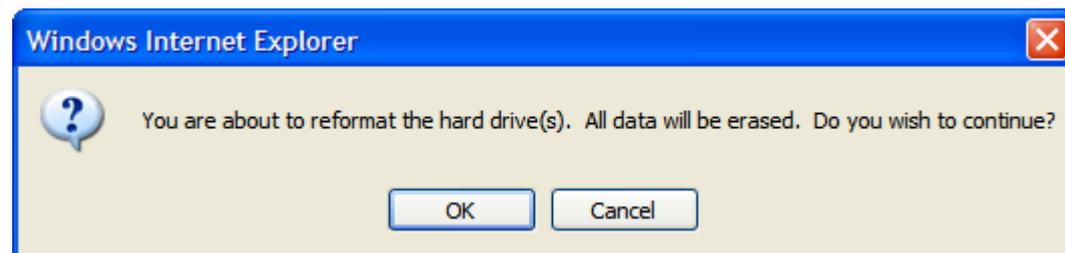
1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the HDD & RAID tab.

## Aspire easyStore

4. Select the RAID type you would like to use.
5. Click the Next button on the lower-right corner.



6. Aspire easyStore will display a message telling you that you are about to reformat the hard drives. If you are sure that you would like to reformat the hard drive, please click OK. Otherwise, please click Cancel and no changes will be made on your data.



7. Restart Aspire easyStore after it has successfully reformatted the hard drives.

# Configuring Aspire easyStore to notify you of critical events

Aspire easyStore may be configured to send you an e-mail when some critical events happen.

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the Alerts tab.
4. Fill in your outgoing email configuration. If you don't need an account to send mail, you can choose Anonymous. Otherwise, you will need to provide the user name and passwords of your outgoing e-mail server.
5. Before you click Save settings for the changes to take effect, you may wish to click on the Test E-Mail button to test your e-mail configuration. If everything's right, you will receive a test e-mail.
6. Select events for which you would like Aspire easyStore to send you an email under Alert Types.
7. Click the Save settings button on the lower-right corner.

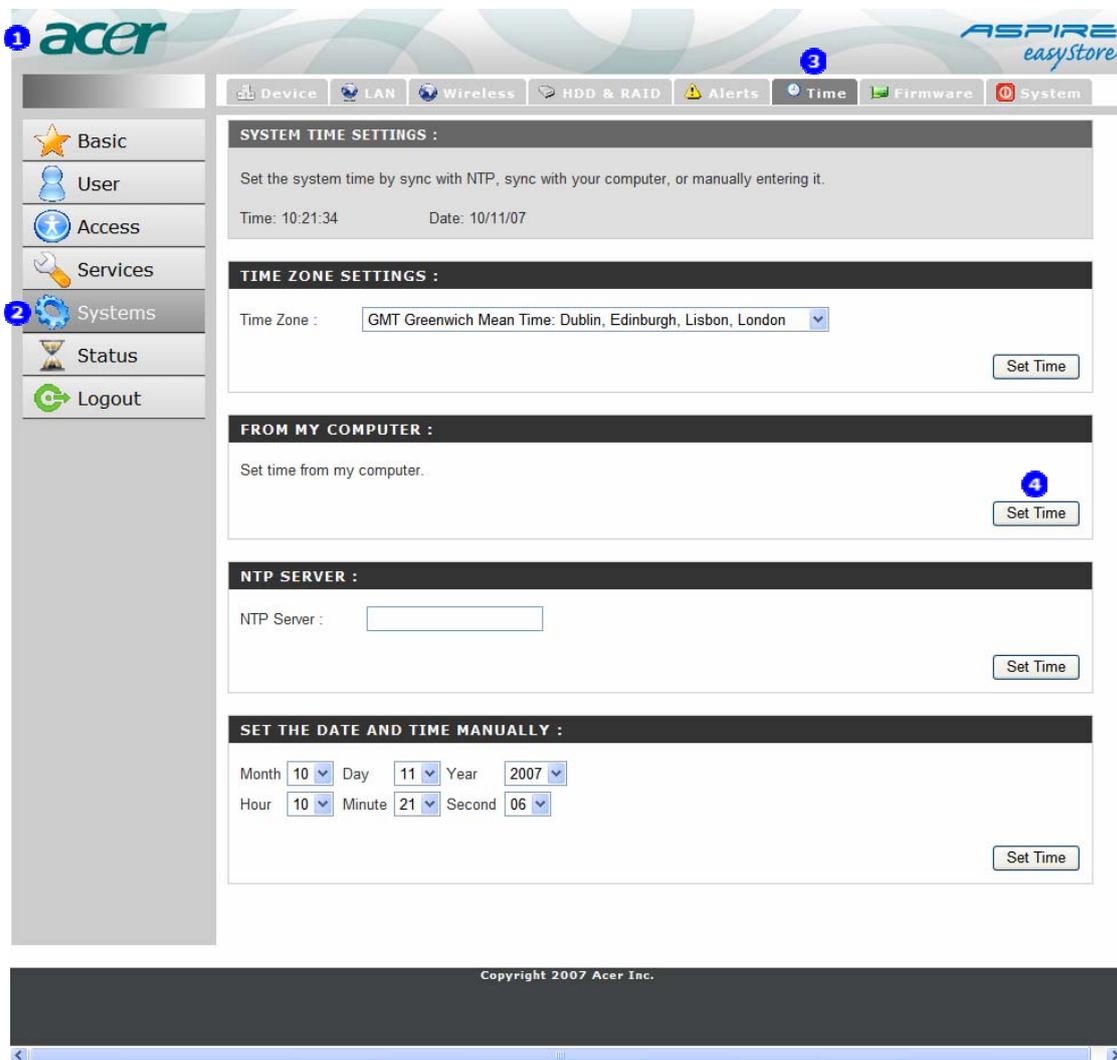
The screenshot displays the Acer Aspire easyStore web interface. At the top left is the Acer logo (1). The top right features the 'ASPIRE easyStore' logo (3). A navigation bar includes tabs for Device, LAN, Wireless, HDD & RAID, Alerts, Time, Firmware, and System. A left sidebar contains menu items: Basic, User, Access, Services, Systems (2), Status, and Logout. The main content area is titled 'E-MAIL ALERTS :'. Below this is a description: 'E-mail yourself alerts for certain conditions or for drive space status updates.' The 'E-MAIL ALERT SETTINGS :' section includes: Login Method (radio buttons for Account (4) and Anonymous), User Name (text field with 'user'), Password (text field with masked characters), SMTP Server (text field with 'email.isp.net'), Sender E-mail (text field with 'user@isp.net'), and Receiver E-mail (text field with 'user@isp.net'). At the bottom of this section are three buttons: 'Test E-Mail' (5), 'Save settings', and 'Clear saved settings' (7). The 'ALERT TYPES :' section (6) lists several checked options: 'A volume has reached (radio buttons for 75%, 85%, and 95% (9) full)', 'A hard drive has failed.', 'The administrator's password has been changed.', 'Firmware has been upgraded.', and 'System temperature has exceeded 60°C'. A note below states: 'Enabling this feature will cause the easyStore to shut down after the selected temperature is exceeded and an e-mail is sent.' The footer contains 'Copyright 2007 Acer Inc.' and a browser window border is visible at the bottom.

# Calibrating the internal clock of Aspire

## easyStore

There are three ways to set the internal clock of Aspire easyStore.

1. Read the time settings from your computer.
  - i. Log in to the web UI.
  - ii. Click Advanced -> System.
  - iii. Click the Time tab.
  - iv. Click the Set Time button on the lower-right corner of the From My Computer section.

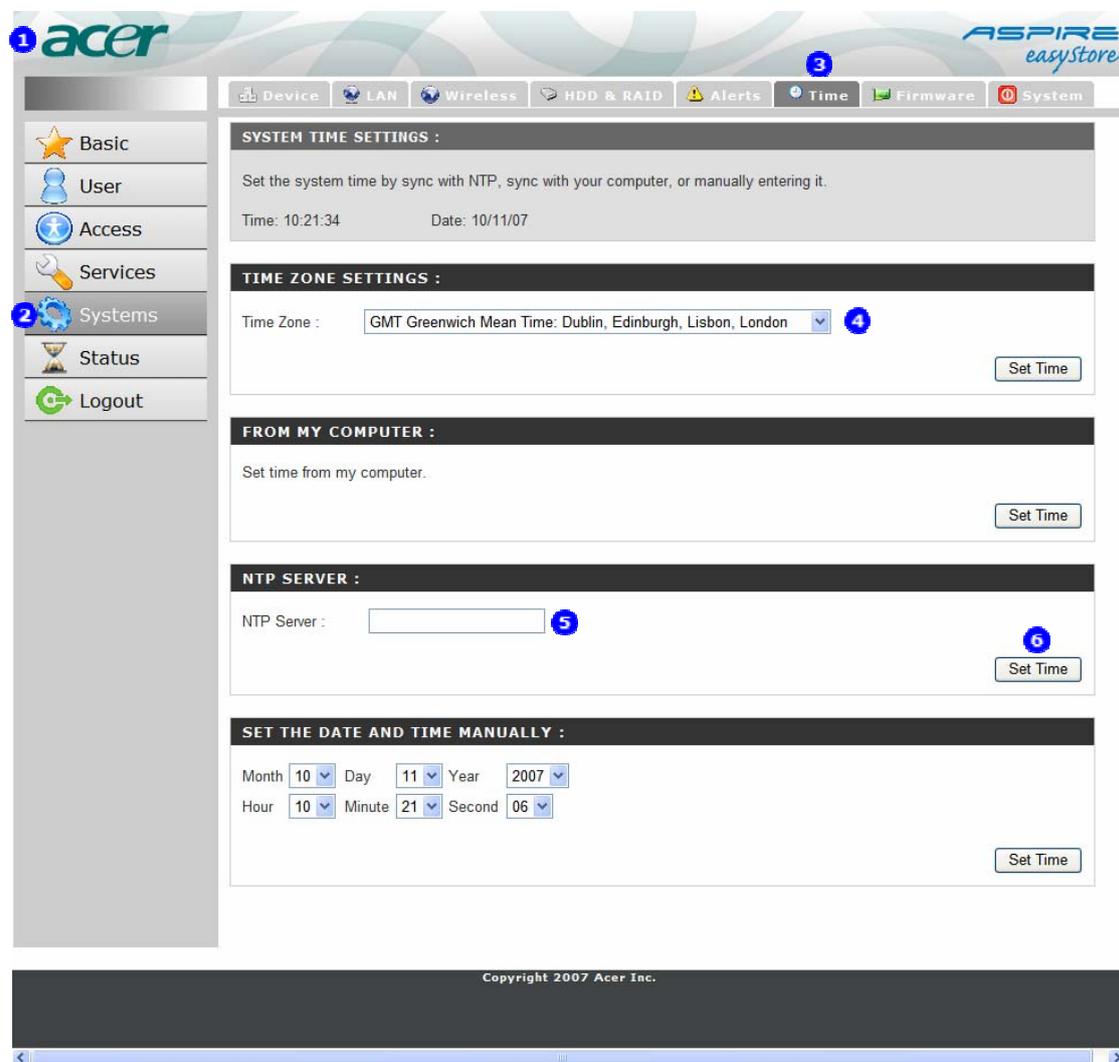


2. Have the Aspire easyStore synchronized with a public NTP server.

An NTP server is a server running NTP (Network Time Protocol) on the Internet. Usually,

these servers are extremely accurate. You can synchronize the Aspire easyStore internal clock with it.

- i. Log in to the web UI.
- ii. Click Advanced -> System.
- iii. Click the Time tab.
- iv. Select the correct time zone in the Time Zone Settings section.
- v. Enter the NTP server IP address or domain name of your choice in the NTP Server section. There are many public NTP servers available on the Internet. An example is pool.ntp.org.
- vi. Click the Set Time button on the lower-right corner of the NTP Server section.



3. Set the time manually.

- i. Log in to the web UI.
- ii. Click Advanced -> System.
- iii. Click the Time tab.

## Aspire easyStore

- iv. Adjust each field of the Set the Date and Time Manually section to the correct value.
- v. Click the Set Time button on the lower-right corner of the Set the Date and Time Manually section.

1 acer

ASPIRE easyStore

2 Device LAN Wireless HDD & RAID Alerts Time Firmware System

3

4

5

Basic

User

Access

Services

Systems

Status

Logout

**SYSTEM TIME SETTINGS :**

Set the system time by sync with NTP, sync with your computer, or manually entering it.

Time: 10:21:34 Date: 10/11/07

**TIME ZONE SETTINGS :**

Time Zone : GMT Greenwich Mean Time: Dublin, Edinburgh, Lisbon, London

Set Time

**FROM MY COMPUTER :**

Set time from my computer.

Set Time

**NTP SERVER :**

NTP Server :

Set Time

**SET THE DATE AND TIME MANUALLY :**

Month 10 Day 11 Year 2007

Hour 10 Minute 21 Second 06

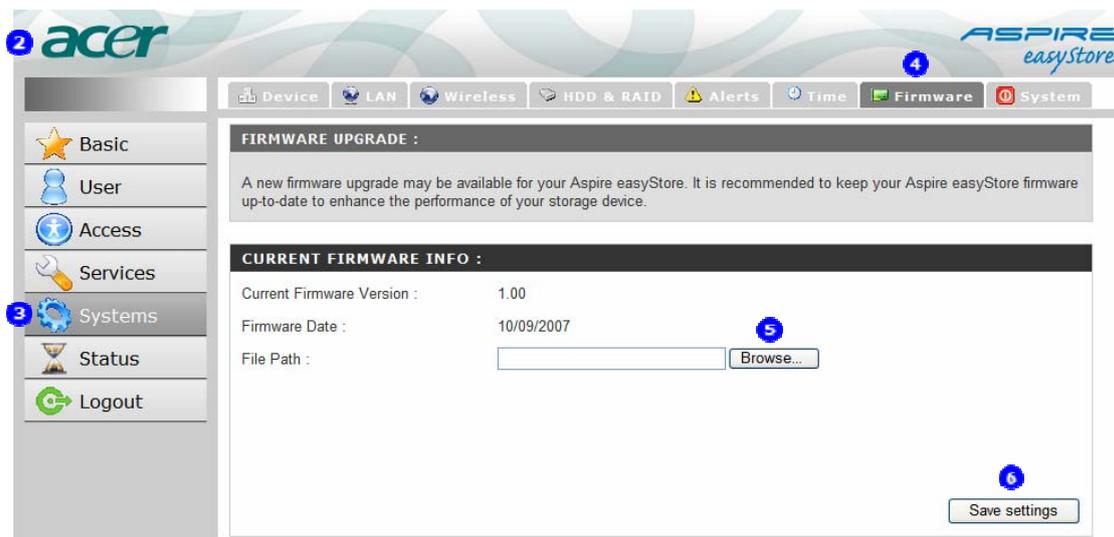
Set Time

Copyright 2007 Acer Inc.

## Upgrading the Aspire easyStore firmware

A new firmware upgrade may be available for your Aspire easyStore. It is recommended that you keep your Aspire easyStore firmware up-to-date to maintain and improve the functionality and performance of your storage device.

1. Go to the local support page of the Acer website and download the latest Aspire easyStore firmware.
2. Log in to the web UI.
3. Click Advanced -> System.
4. Click the Firmware tab.
5. Click the Browse button to select the firmware you just downloaded from the Acer support page.
6. Click the Save settings button on the lower-right corner



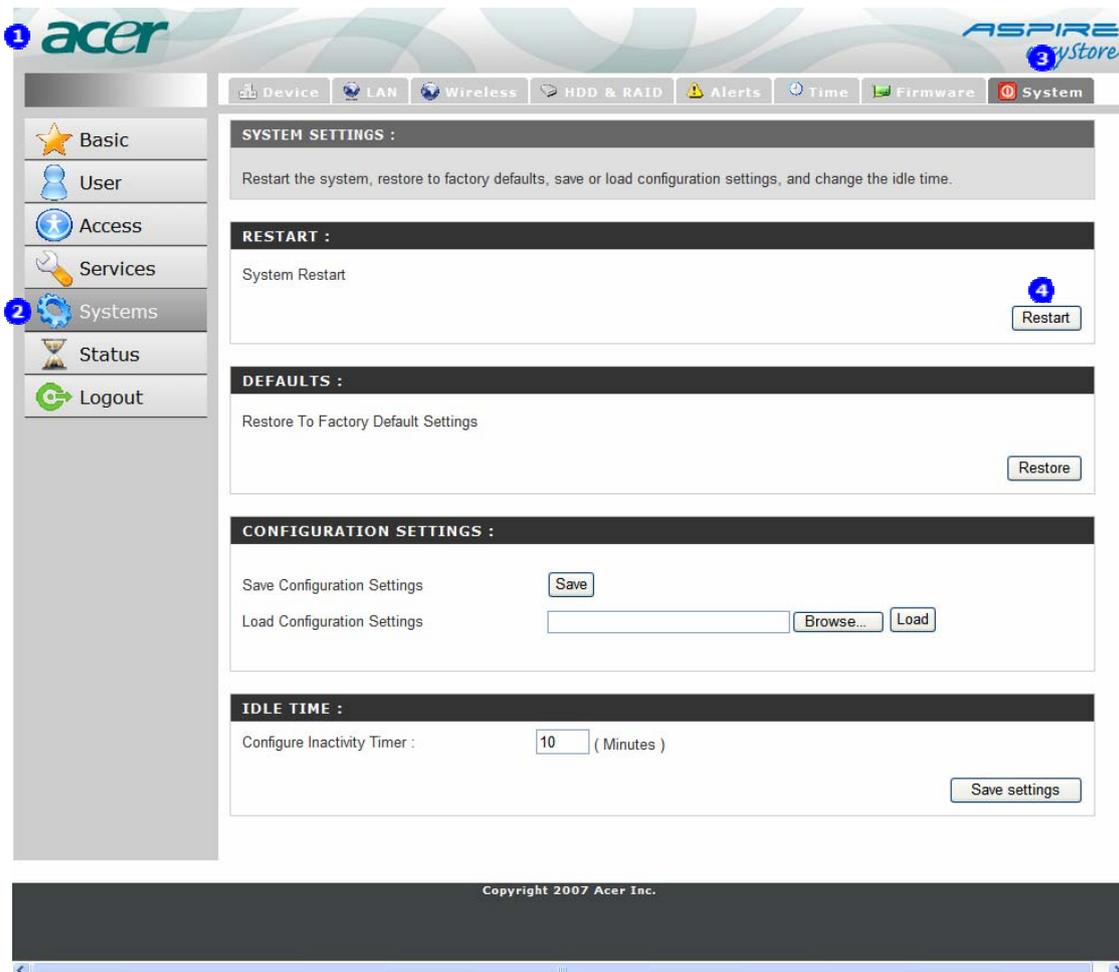
Please do not power-off Aspire easyStore during the upgrade process; otherwise, it may render your Aspire easyStore useless. After you have successfully upgraded the firmware, click the Restart button on the lower-right corner to restart the system.

## Restarting Aspire easyStore

There are two ways to restart Aspire easyStore. The first is using the power switch at the back of Aspire easyStore. Press the power switch to switch off the Aspire easyStore. After the Power LED is turned off, wait for another 15 seconds, then press the power switch again to power on the Aspire easyStore.

You can also use the web UI to restart Aspire easyStore.

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the System tab.
4. Click the Restart button in the Restart section.
5. Aspire easyStore will display a message asking you to confirm restart. Click Okay if you really want to restart the system, or click Cancel to return to the web UI.



## Resetting Aspire easyStore to factory default

### settings

There are two ways to reset Aspire easyStore back to factory default. The first is using the reset button at the back of Aspire easyStore. You can press the reset button with a paper clip or ballpen head. Press and hold it for over 10 seconds. During power-on, Aspire easyStore will initialize the reset to factory default function. After the Status LED stops blinking, the Aspire easyStore settings are back to factory default.



You can also use the web UI to reset the Aspire easyStore to factory default settings.

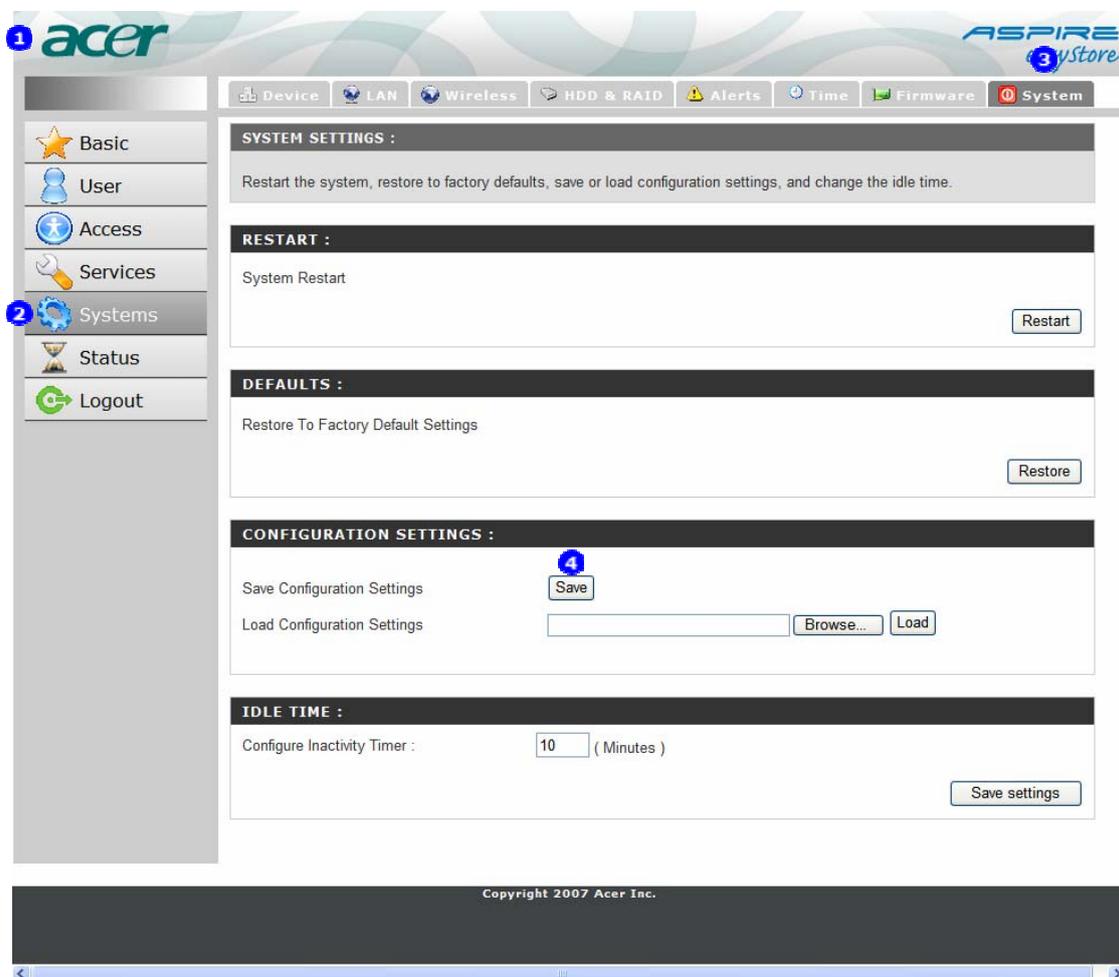
1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the System tab.
4. Click the Reset to Factory Default button in the Defaults section.
5. Aspire easyStore will display a message asking you to confirm reset. Click Okay if you really want to reset the system, or click Cancel to return to the web UI.

The screenshot shows the Acer Aspire easyStore System Settings interface. At the top left is the Acer logo with a blue '1' next to it. At the top right is the 'ASPIRE easyStore' logo with a blue '3' next to it. Below the logos is a navigation bar with tabs: Device, LAN, Wireless, HDD & RAID, Alerts, Time, Firmware, and System. The 'System' tab is selected and highlighted in red. On the left side, there is a vertical menu with icons and labels: Basic (star), User (person), Access (person with plus), Services (wrench), Systems (gear with blue '2'), Status (trophy), and Logout (logout icon). The main content area is divided into several sections: 1. 'SYSTEM SETTINGS :' with the text 'Restart the system, restore to factory defaults, save or load configuration settings, and change the idle time.' 2. 'RESTART :' with the text 'System Restart' and a 'Restart' button. 3. 'DEFAULTS :' with the text 'Restore To Factory Default Settings' and a 'Restore' button with a blue '4' next to it. 4. 'CONFIGURATION SETTINGS :' with two rows: 'Save Configuration Settings' with a 'Save' button, and 'Load Configuration Settings' with a text input field, a 'Browse...' button, and a 'Load' button. 5. 'IDLE TIME :' with the text 'Configure Inactivity Timer :', a text input field containing '10', and '( Minutes )', followed by a 'Save settings' button. At the bottom of the interface, there is a dark grey bar with the text 'Copyright 2007 Acer Inc.' and a blue browser-style scrollbar.

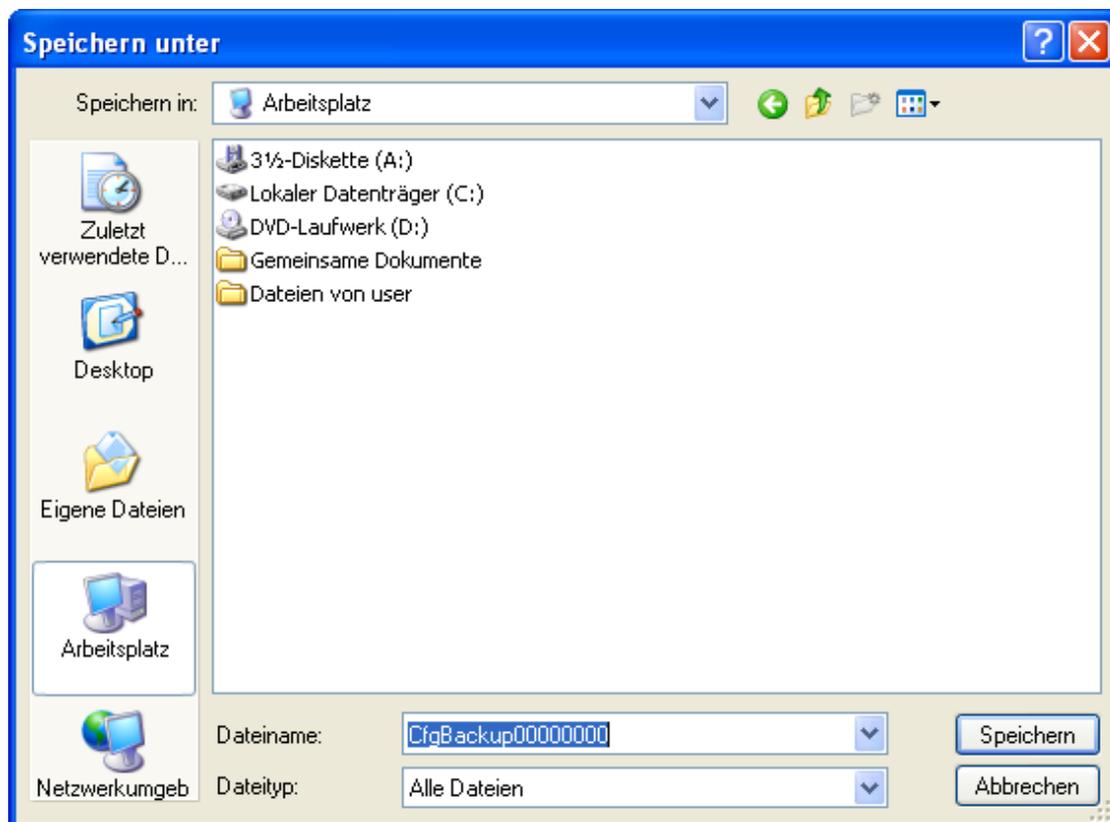
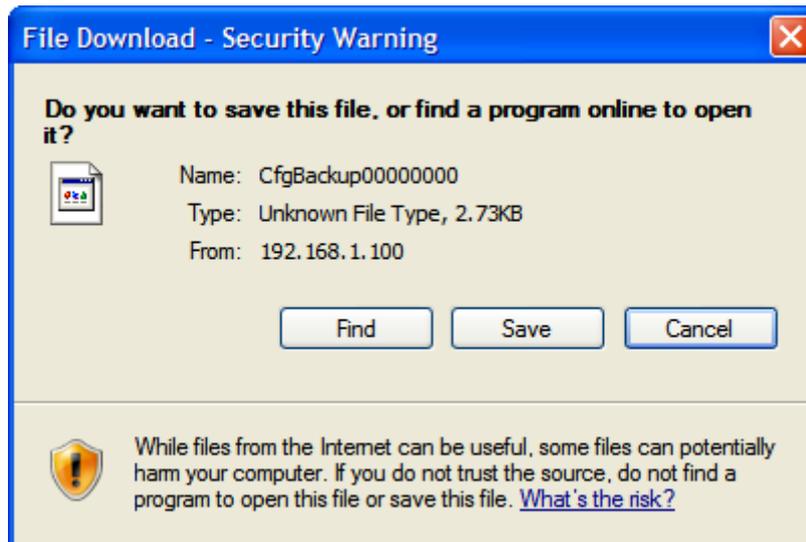
# Backing up the current Aspire easyStore configuration

After you have configured the Aspire easyStore, you may want to back up the configuration file.

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the System tab.
4. Click the Save button in the Configuration Settings section.

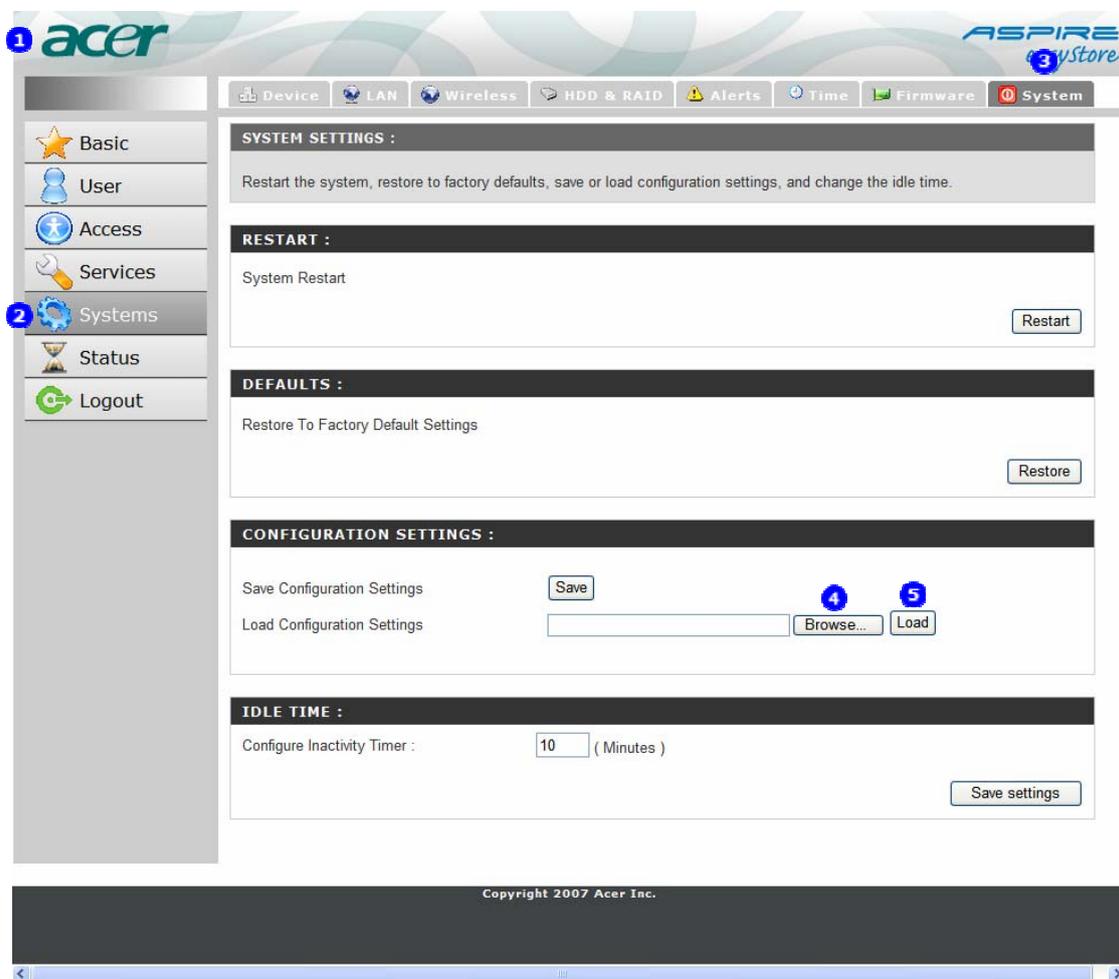


5. Select a folder in your computer to save the configuration file.



# Restore the Aspire easyStore configuration using a saved configuration file

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the System tab.
4. Click the Browse button in the Configuration Settings section to find your configuration file.
5. Click the Load button to load the configuration file.

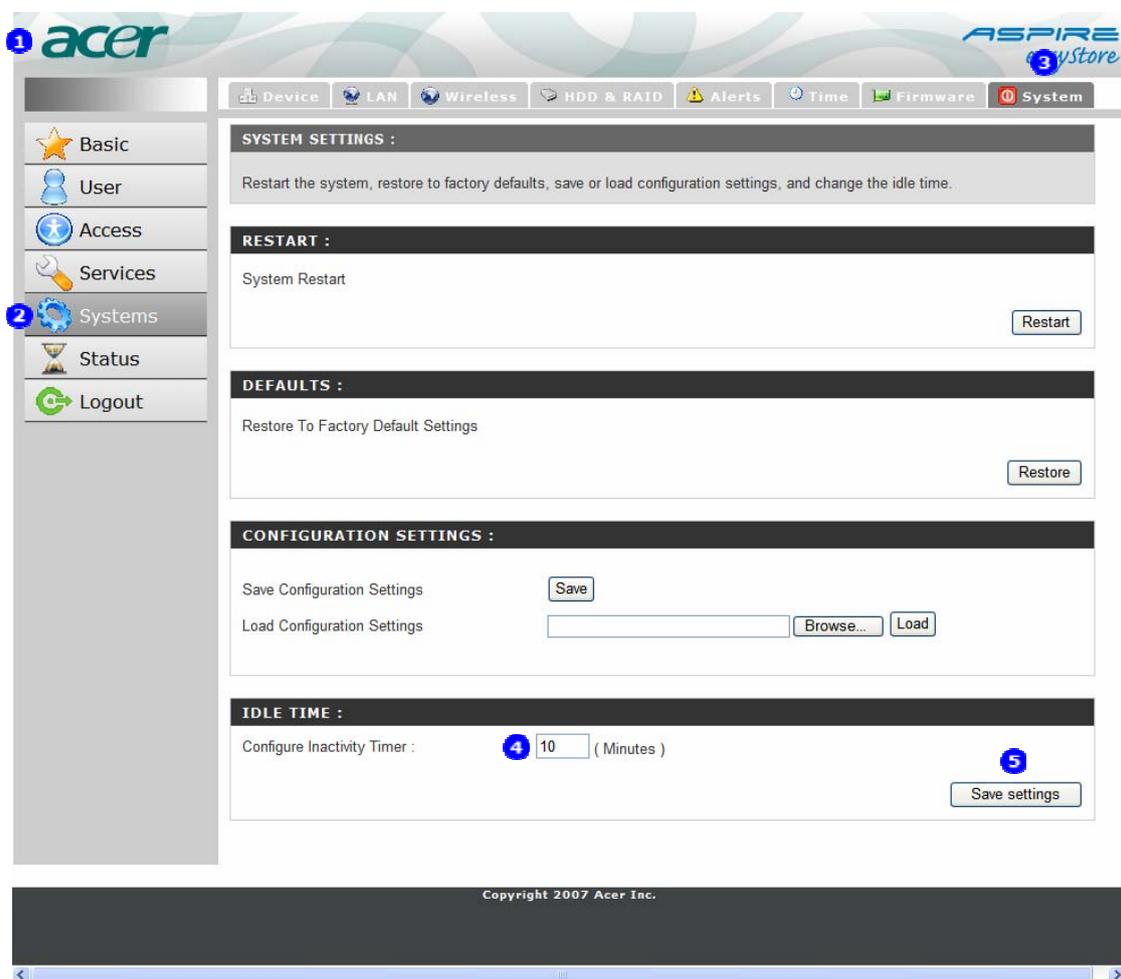


After you load the configuration file, the Aspire easyStore will restart the system automatically.

# Controlling the duration of the administrator session timeout

## session timeout

1. Log in to the web UI.
2. Click Advanced -> System.
3. Click the System tab.
4. Change the value of the Inactivity Timer. The default value is 10 minutes.
5. Click the Save settings button in the Idle Time section for the changes to take effect.



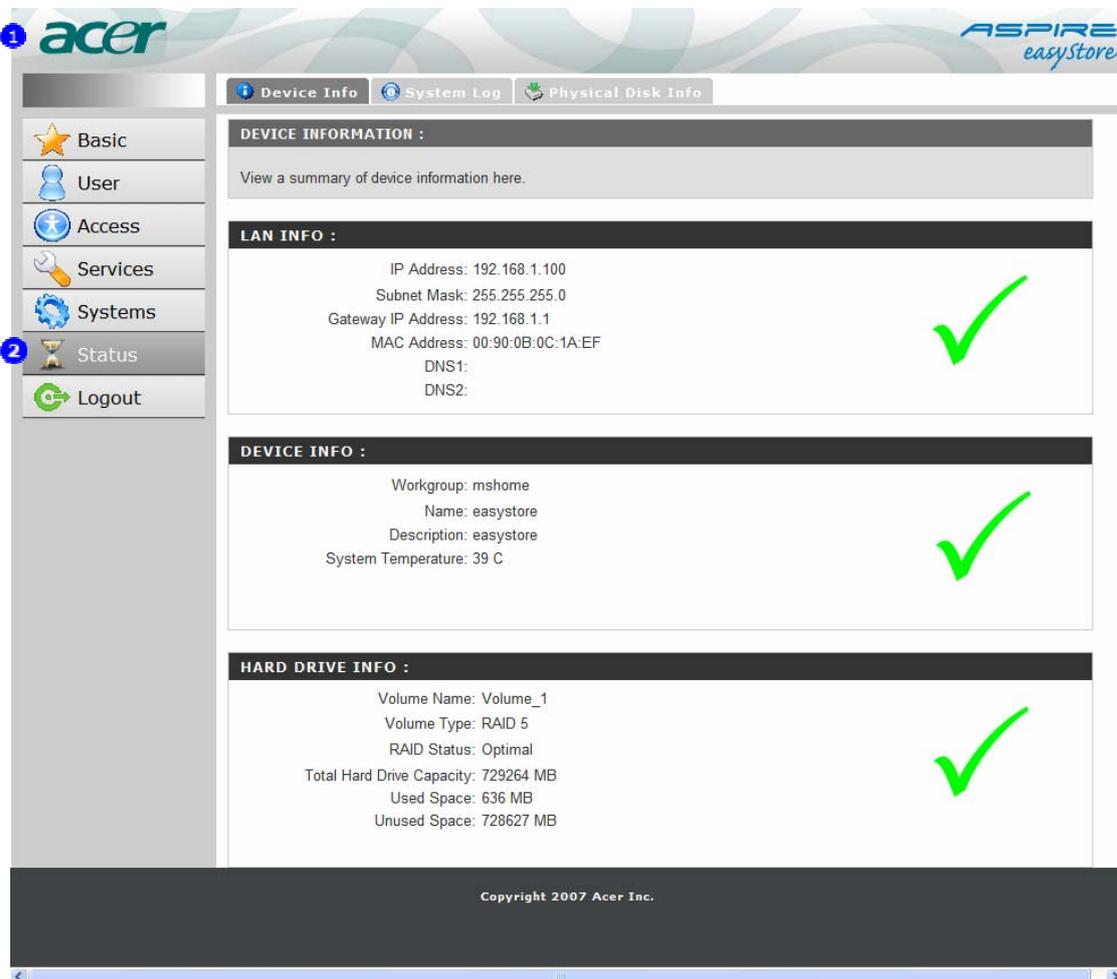
# Monitoring the current Aspire easyStore system

## status

You can review the basic system settings like current IP address, device name, description and workgroup; current system temperature and current system hard drive and RAID information on the Device Info page.

To view this page:

1. Log in to the web UI.
2. Click Advanced -> Status.



## Finding out what happened to the Aspire

### easyStore

Aspire easyStore takes note of every important event that happens on its system. You can review all the past 50 events on the System Log page.

1. Log in to the web UI.
2. Click Advanced -> Status.
3. Click the System Log tab.

**acer** ASPIRE easyStore

1 **Basic** 3

2 **User**

**Access**

**Services**

**Systems**

**Status**

**Logout**

Device Info System Log Physical Disk Info

**SYSTEM LOG :**

View a summary of system log information here.

**BACKUP SYSTEM LOG :**

Backup System Log

**SYSTEM LOG INFO :**

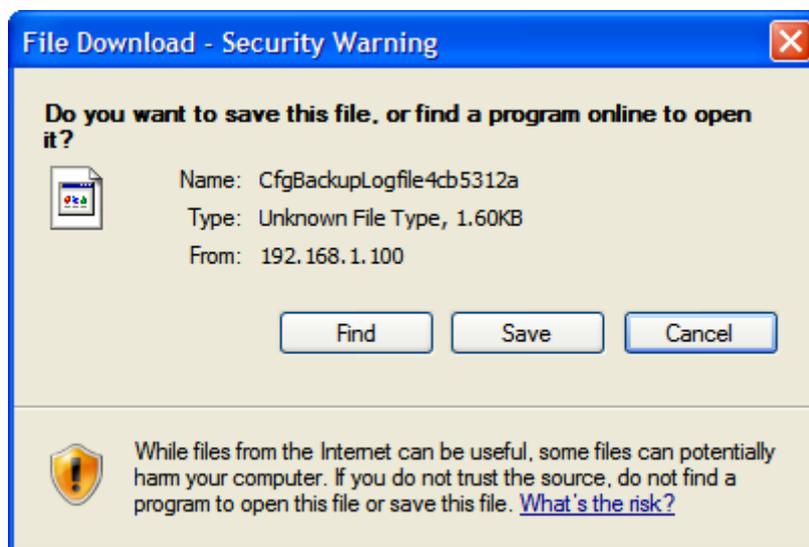
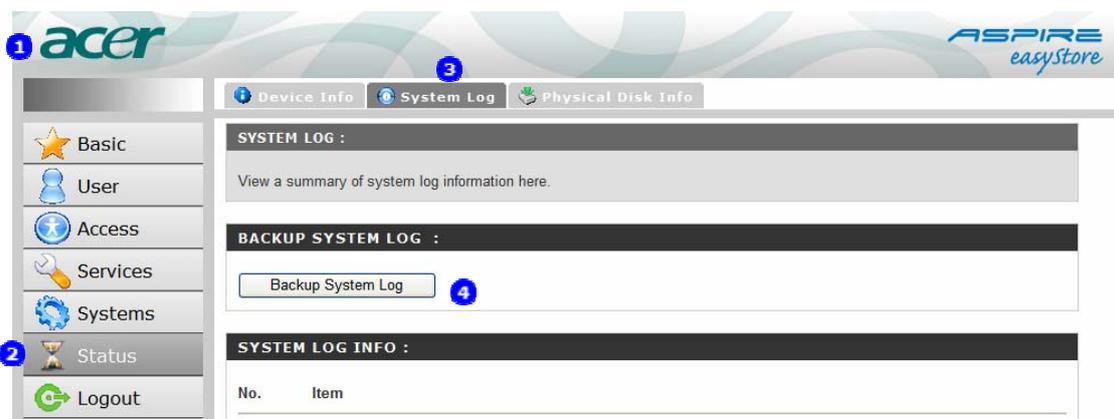
No.	Item
1	2007/10/09 20:32:03 Modify System time to "2007/10/09 20:32:03"
2	2007/10/09 20:33:55 Modify System time to "2007/10/09 20:33:55"
3	2007/10/09 20:35:12 admin login.
4	2007/10/09 11:36:11 Modify RTC time to "2007/10/09 11:36:11"
5	2007/10/09 20:44:17 admin login.
6	2007/10/09 20:46:41 admin login.
7	2007/10/09 20:49:11 admin login.
8	2007/10/09 20:50:35 admin logout.
9	2007/10/09 22:34:03 admin login.
10	2007/10/10 09:31:55 Modify System time to "2007/10/10 09:31:55"
11	2007/10/11 16:11:36 admin login.
12	2007/10/11 16:12:51 admin login.
13	2007/10/11 01:46:59 Modify System time to "2007/10/11 01:46:59"
14	2007/10/11 02:01:32 Modify System time to "2007/10/11 02:01:32"
15	2007/10/11 02:04:11 admin login.
16	2007/10/11 02:04:15 admin logout.
17	2007/10/11 02:11:25 admin login.
18	2007/10/11 02:14:02 Created a allen account.
19	2007/10/11 02:27:35 admin logout.
20	2007/10/11 02:29:16 admin login.
21	2007/10/11 02:32:01 Modify System time to "2007/10/11 02:32:01"
22	2007/10/11 02:32:09 admin logout.
23	2007/10/11 03:22:48 Modify System time to "2007/10/11 03:22:48"
24	2007/10/11 08:11:18 Modify System time to "2007/10/11 08:11:18"
25	2007/10/11 08:58:51 admin login.
26	2007/10/11 08:58:54 admin login.
27	2007/10/11 08:59:09 Deleted allen account.
28	2007/10/11 08:59:57 System restore to factory default settings.
29	2007/10/11 09:00:53 Modify System time to "2007/10/11 09:00:53"
30	2007/10/11 09:34:54 admin login.
31	2007/10/11 08:38:13 Modify RTC time to "2007/10/11 08:38:13"
32	2007/10/11 09:38:44 admin login.
33	2007/10/11 09:43:51 Created a allen account.
34	2007/10/11 09:44:02 Created a edy account.
35	2007/10/11 09:44:14 Created a joe account.
36	2007/10/11 09:56:16 admin login.
37	2007/10/11 09:57:35 admin login.

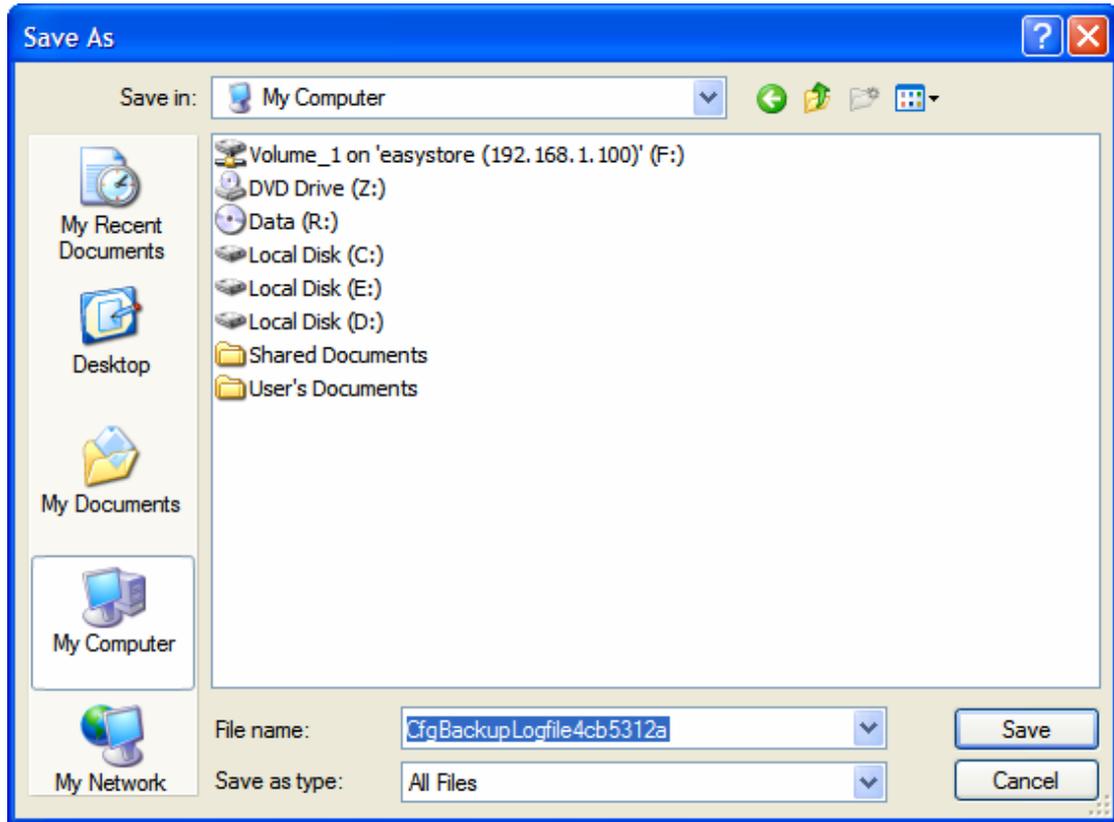
Copyright 2007 Acer Inc.

## Backing up the Aspire easyStore system log

Aspire easyStore takes note of every important event that happens on its system. You may want to save these logs for future use.

1. Log in to the web UI.
2. Click Advanced -> Status.
3. Click the System Log tab.
4. Click the Backup System Log button.
5. Select a folder in your computer to save the log file.



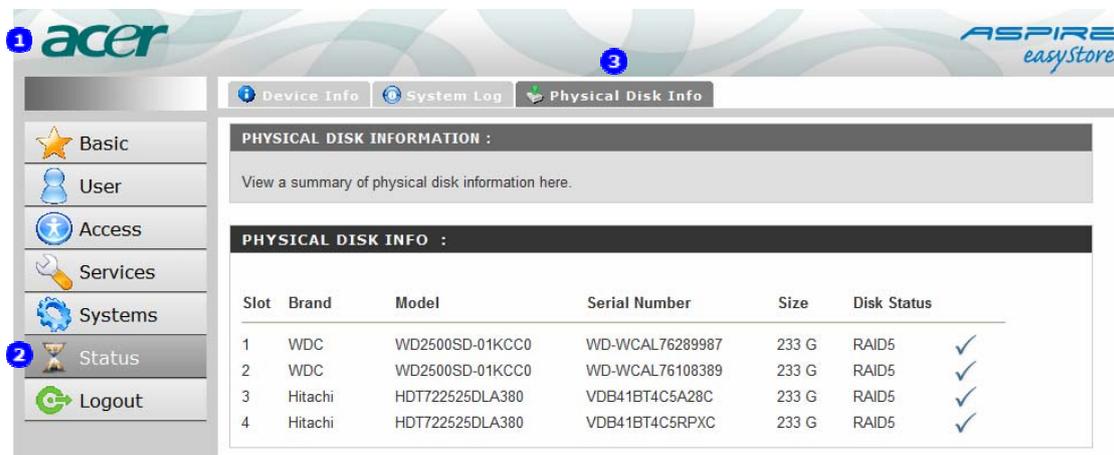


## Checking the hard disk status of Aspire

### easyStore

Aspire easyStore provides a hard disk status page to allow you review the hard disk brands, serial, size and RAID level. If any disk failed, it will be marked as Failed on this page.

1. Log in to the web UI.
2. Click Advanced -> Status.
3. Click the Physical Disk Info tab.



The screenshot shows the Aspire easyStore web interface. The left sidebar contains navigation options: Basic, User, Access, Services, Systems, Status (highlighted with a blue circle '2'), and Logout. The top navigation bar includes Device Info, System Log, and Physical Disk Info (highlighted with a blue circle '3'). The main content area displays 'PHYSICAL DISK INFORMATION' and a summary: 'View a summary of physical disk information here.' Below this is a table titled 'PHYSICAL DISK INFO' with columns for Slot, Brand, Model, Serial Number, Size, and Disk Status. The table lists four disks, all in RAID5 status, with checkmarks in the Disk Status column.

Slot	Brand	Model	Serial Number	Size	Disk Status
1	WDC	WD2500SD-01KCC0	WD-WCAL76289987	233 G	RAID5 ✓
2	WDC	WD2500SD-01KCC0	WD-WCAL76108389	233 G	RAID5 ✓
3	Hitachi	HDT722525DLA380	VDB41BT4C5A28C	233 G	RAID5 ✓
4	Hitachi	HDT722525DLA380	VDB41BT4C5RPXC	233 G	RAID5 ✓