

Introduction



Congratulations on purchasing Koobrick Boxi.

Congratulations on purchasing Koobrick Boxi. Koobrick Boxi lets you easily share your files in your network. Simply plug in the hard disk drive, connect the LAN port to your network, and run the Boxi installer from CD, and you're ready to share files. Koobrick Boxi provides a total solution for the Small and Medium-sized Business (SMB) and the Small Office/Home Office (SOHO) markets, giving you an instant way to share and manage your files through network. Enjoy!

Features

- Supports two internal SATA hard disk drives
- Provides two USB ports for connecting USB mass storage devices
- Allows you to share your files via FTP or Network Neighborhood
- Allows you to share your multimedia content to DLNA compliant media adapters, like Xbox 360, Sony PS3...
- Allows you to share your music to iTunes
- Download engine which supports download through FTP, Web and WEB torrent.
- High file transfer throughput up to 300Mbps
- Equipped with one gigabit LAN port (10/100/1000M)
- Supports static IP and dynamic IP
- Easy to use both Web-based GUI installation and configuration.

Minimum Requirements



One SATA hard disk drive



Network Interface Card (NIC) for each Personal Computer (PC)



PC/Mac

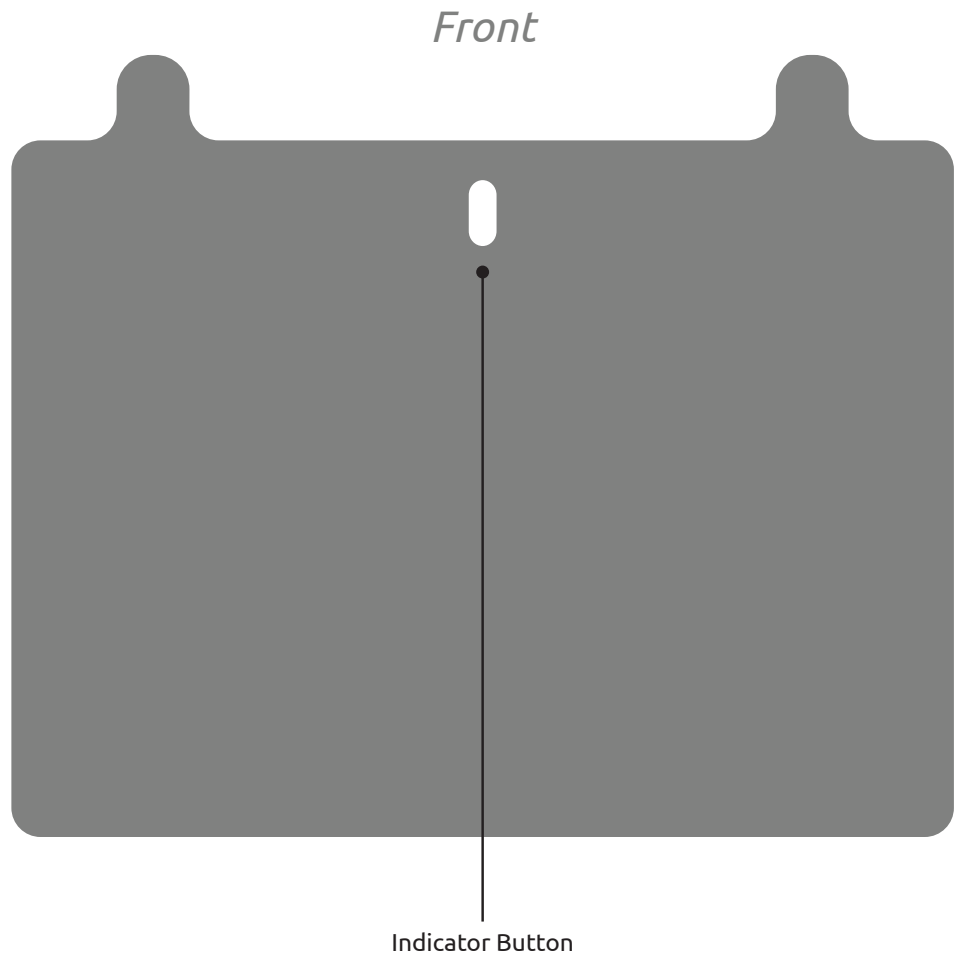
Computer with a Web-Browser (Internet Explorer 6.0 or higher, Opera, Firefox, Chrome or other web-browser).

Package Contents

Koobrick Boxi
Power supply (12V 5A DC)
Quick Installation Guide
Ethernet cable
Warrenty card
CD with Easy Setup and software

Understanding Koobrick Boxi

WE CAN HAVE TEXT
here. About Boxi
color options etc...



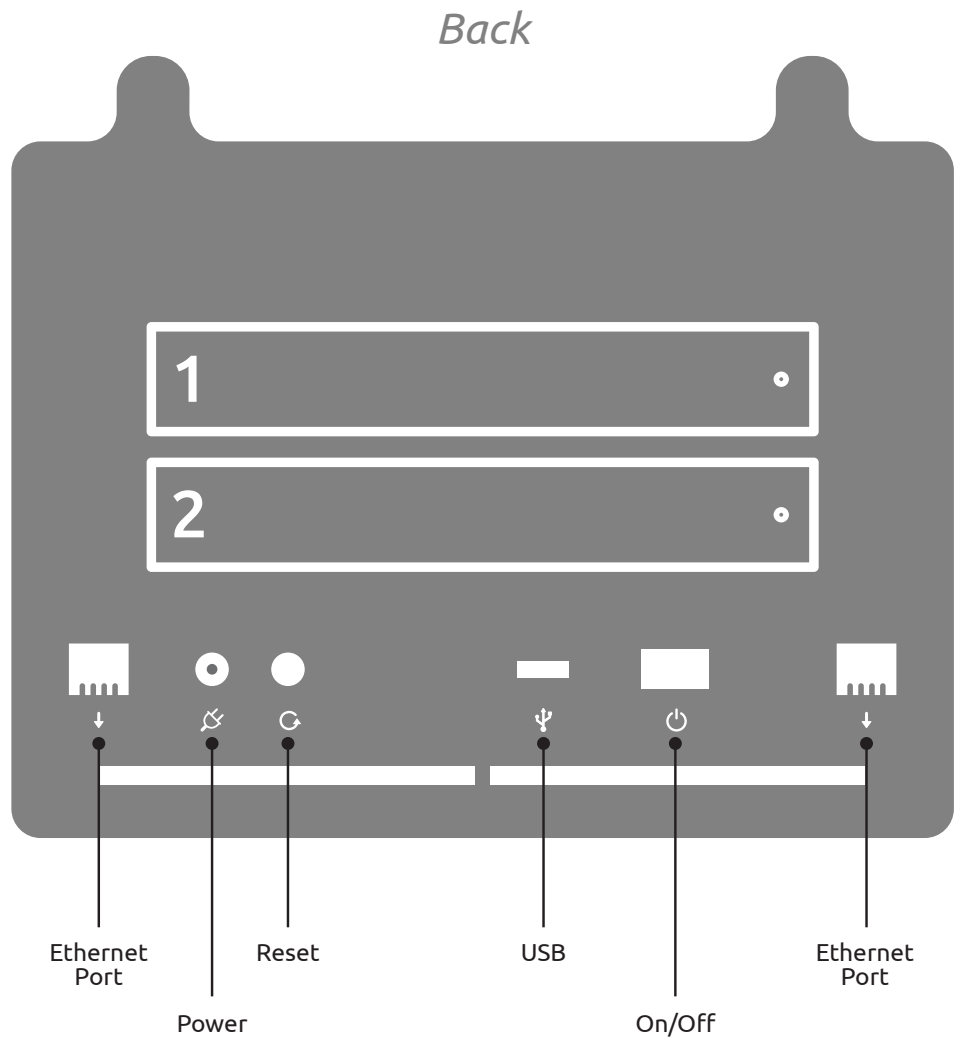
Indicator Button

On the Koobrick Boxi front panel there is a indicator button, when you press the button it will show the status of your Koobrick Boxi. Below are possible options:

BLUE	When the button blinks blue the Boxi is operating correctly with an active internet connection
RED	When the button is blinking red the Boxi has an error. Please restart the router and access the control panel in your browser by typing http://boxi.koobrick

Understanding Koobrick Boxi

WE CAN HAVE TEXT here. About HDD volumes capacity etc...



Ethernet Port (Local Area Network or LAN)

You should connect the LAN port of this Koobrick Boxi to your hub/switch, or one LAN port of your router etc.

Note: To ensure the highest transfer speed we recommend to connect Koobrick Boxi to a broadband router or Switch which support up to 1000Mbps (Gigabit).



Power Jack

Connect power from enclosed power supply.



Reset Button

The Release button has two functions: unplug the external USB mass storage¹, reset the configuration of the Koobrick Boxi to factory default settings².

¹ Unplug the external USB mass storage:

When you press and hold Release button for 2 seconds, the Koobrick Boxi will beep for 0.5 second to hint that your command is detected. At this time, you should release the Release button immediately if you want to unplug the external USB mass storage device plugged in USB1 port. The Koobrick Boxi will take several seconds to unplug the USB mass storage. When the LED of the USB1 port goes off, you can safely detach the USB mass storage device from this Koobrick Boxi.

² Restore factory default settings

If you want to reset the configuration of the Koobrick Boxi to factory default settings, you should press and hold BOTH the Release button and the Copy button at the same time for more than 5 seconds, the Koobrick Boxi will beep for 2 seconds to hint that your command is accepted. The Power LED will keep flashing during the restore process. After the restore is complete, the Koobrick Boxi will restart itself automatically.



USB

The USB2 port allows you to share your files stored in the USB mass storage device plugged in.

Note: Please plug the external power of your USB mass storage devices before you connect them to the Koobrick Boxi.

Note: If you have USB mass storage device (like USB external HDD), please plug it to this Koobrick Boxi's USB 2 port, and plug the USB flash disk you wish to share to the USB 1 port.



On/Off Button

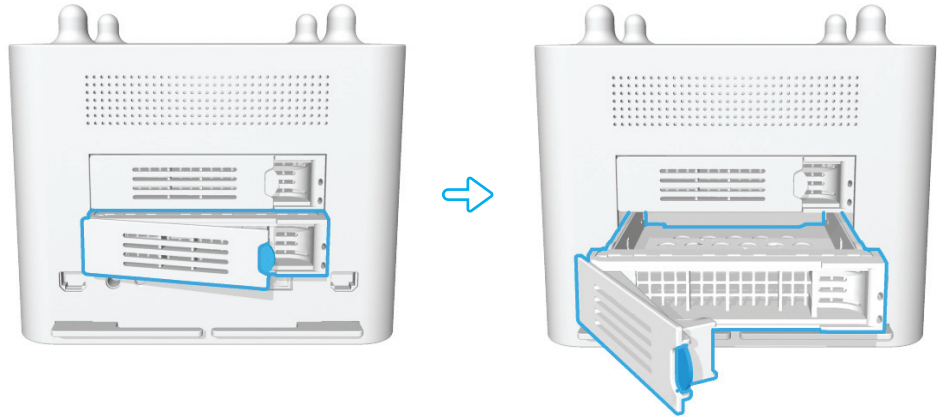
When the Koobrick Boxi is not working, switch the Power switch to "1" will switch on the power and make the Koobrick Boxi start. When the Koobrick Boxi has been shut down, switch the Power switch to "0" will switch off the power.

1. Getting Started

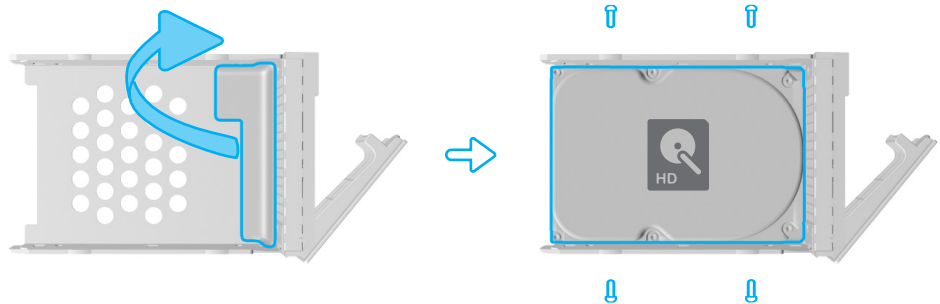
This is a step-by-step instruction on how to start using the Koobrick Boxi.

Note: The Koobrick Boxi is sold both with and without built-in hard disk drives. If you have purchased Koobrick Boxi with built-in hard disk drive, please go to step 4.

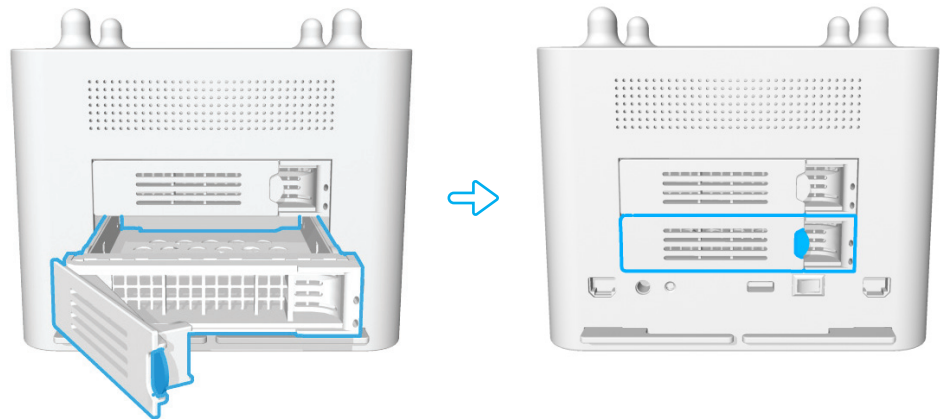
1. Pull out the disk drawer from the case of Koobrick Boxi as shown in the setup diagram below.



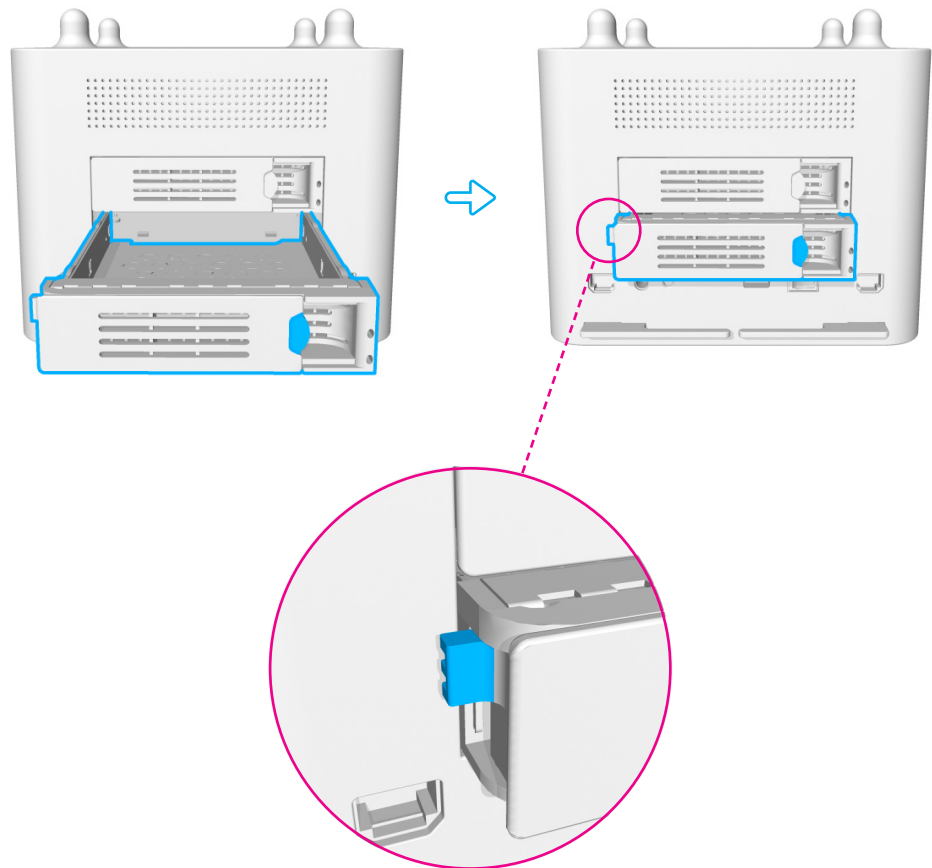
2. Remove the plastic holder as shown, and fix the hard disk drive with four screws.



3. Push the disk drawer with hard disk drive installed back into the case of Koobrick Boxi as shown in the setup diagram below.



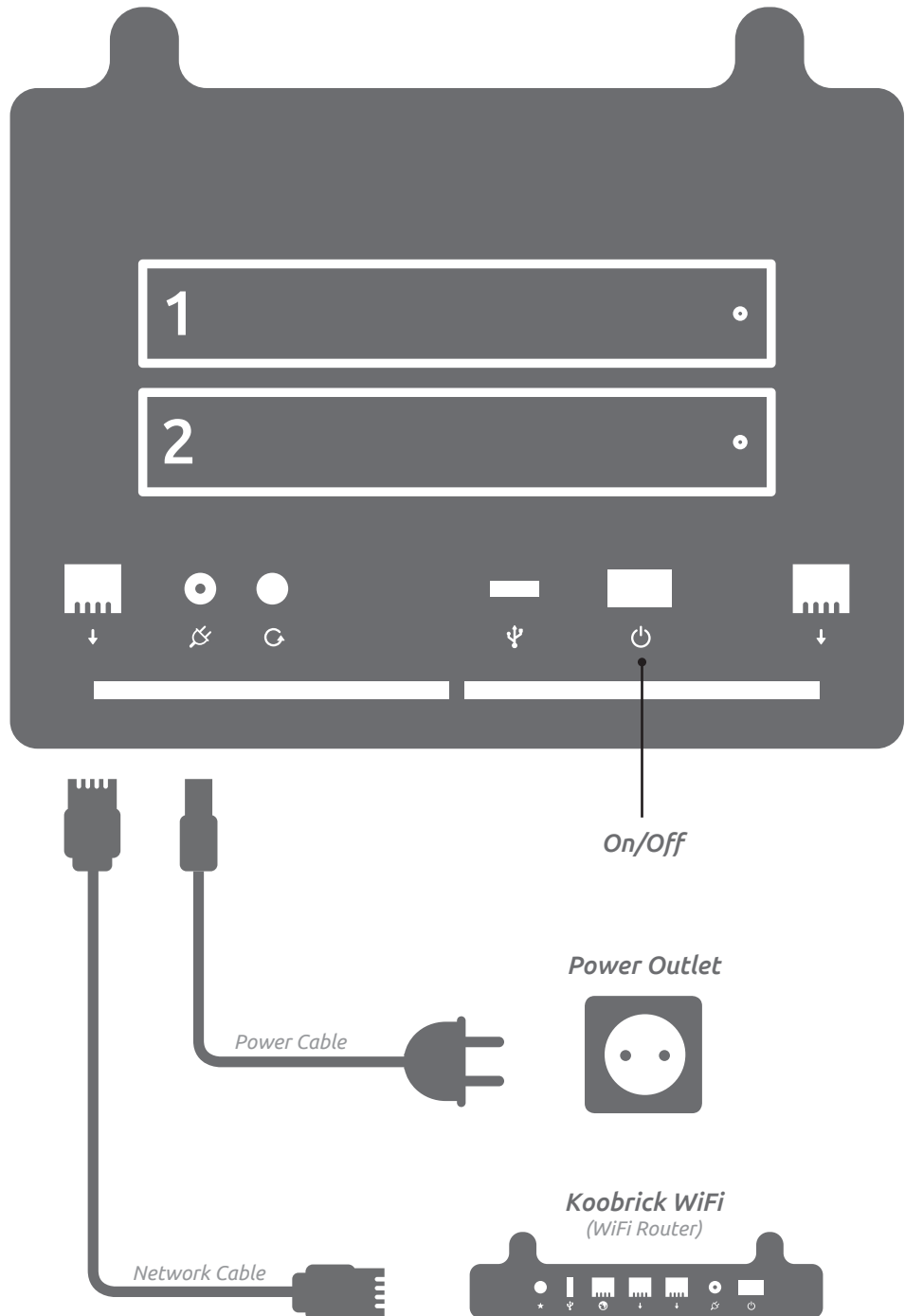
Warning: Please make sure the disk drawer is safely installed.
For example, please DO NOT install hard disk by the way showed below :



This is the name of the Document

4. Connect the power adapter to the Boxi's power connector and to an earthed power outlet (see diagram below)
5. Connect a network cable from the Koobrick WiFi yellow LAN port to either yellow LAN port on the Boxi. (see diagram below)
6. Power ON the Koobrick Boxi by pressing the power switch at the back of your Boxi. (see diagram below)
7. To configure your Boxi see chapter 2.

*You can use any 802.11
WiFi router in place
of Koobrick WiFi.*



2. Setup

Initial installation of Koobrick Boxi (See chapter 2.1)

Please insert the enclosed CD and wait until the Boxi installer welcome window is shown.

The installer will guide you through the whole setup procedure, including format hard disk drive, map Koobrick Boxi folder to "My computer" and if desired install backup and NAS software.

Note !! Initial installation only need to run once and all data on hard disk drive will be deleted.

Installation on additional computers (See chapter 2.2)

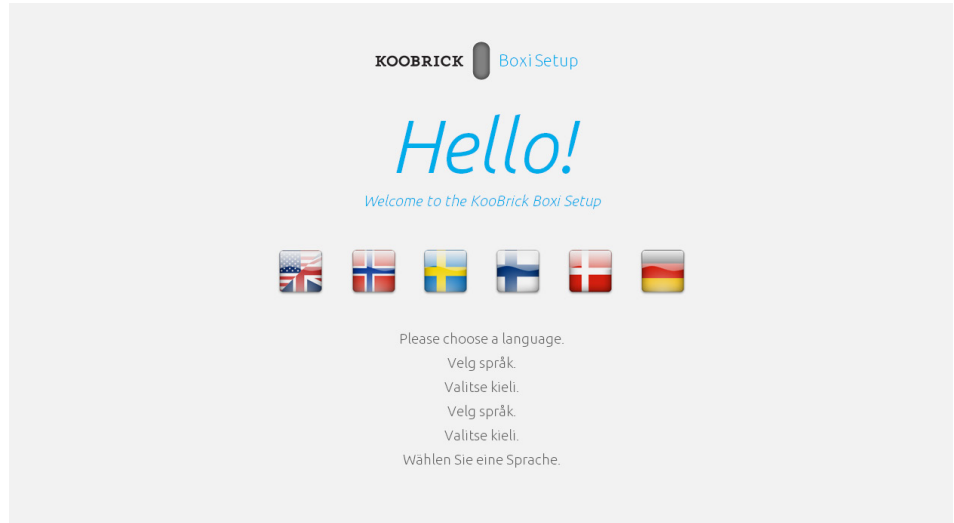
Please insert the enclosed CD and wait until the Boxi installer welcome window is shown.

To enable additional computers to access the Koobrick Boxi select "PC Setup" and follow the instructions.

Note !! Initial installation (chapter 2.1) must be completed before you can add additional computers.

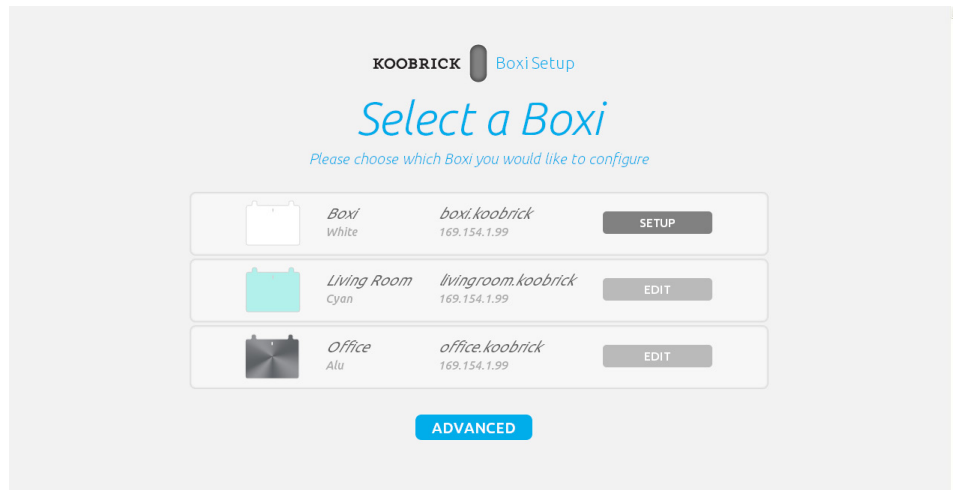
2.1 Initial installation of Koobrick Boxi

1. Insert enclosed CD into your computer and wait for Boxi installer to start.
2. Select your language.

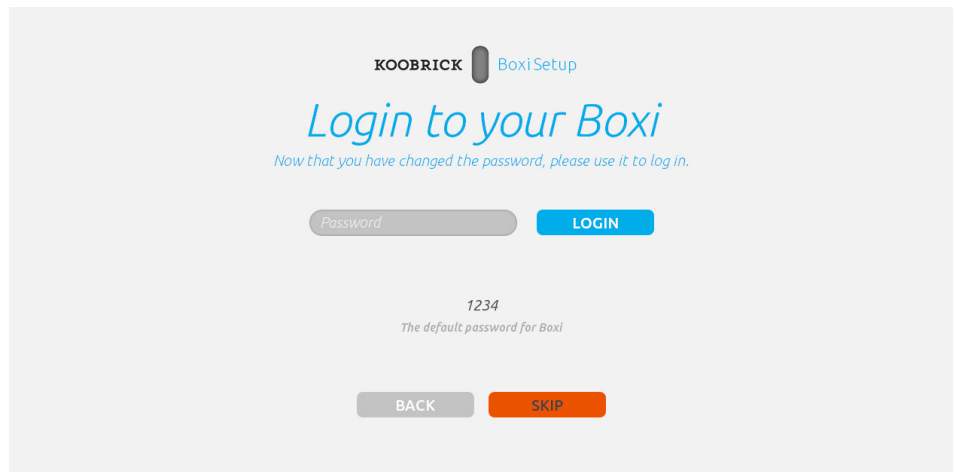


3. Select your Koobrick Boxi and click SETUP

In this step we choose which Koobrick Boxi we want to configure. Later on we can use this screen to edit Boxi's we've already configure before.

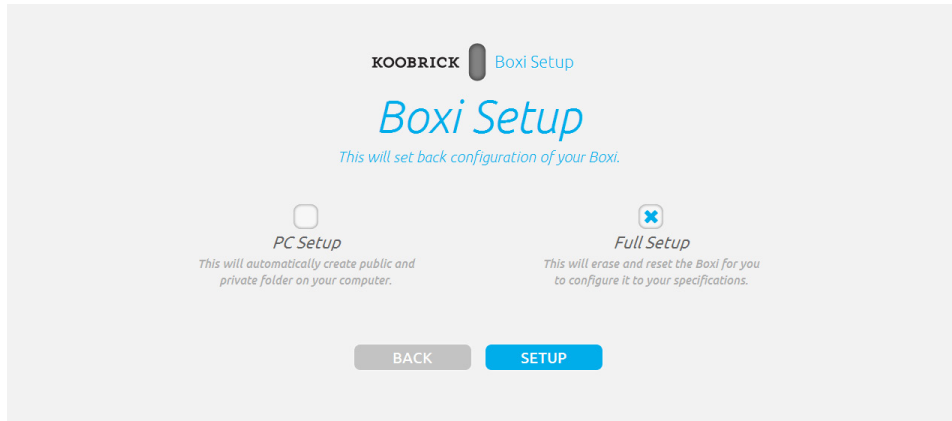


4. Enter password and login to your Koobrick Boxi (default password: 1234)



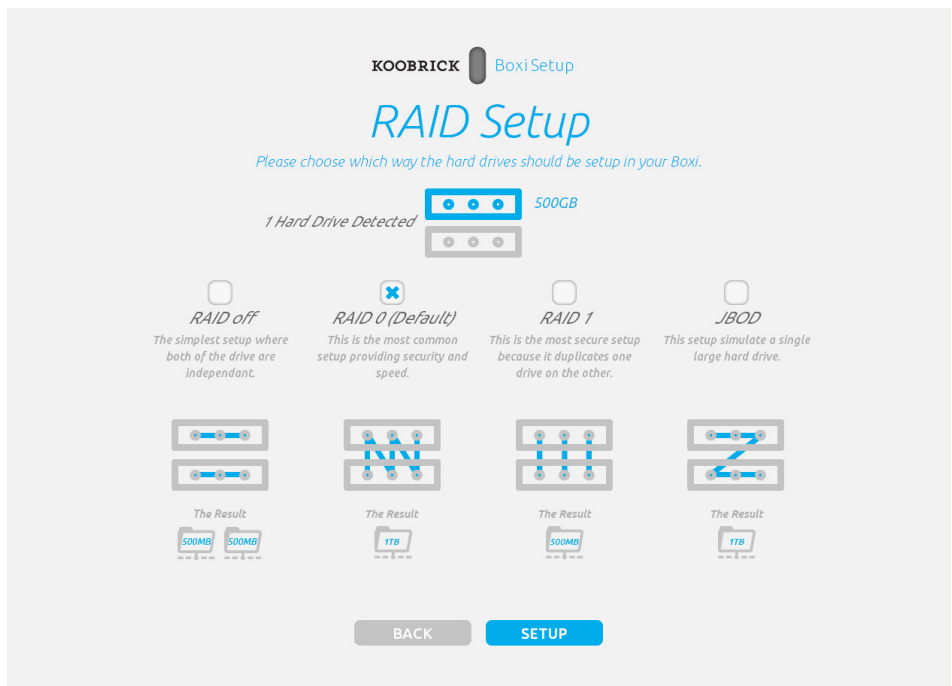
This is the name of the Document

5. Select "Full Setup" and click SETUP to continue.

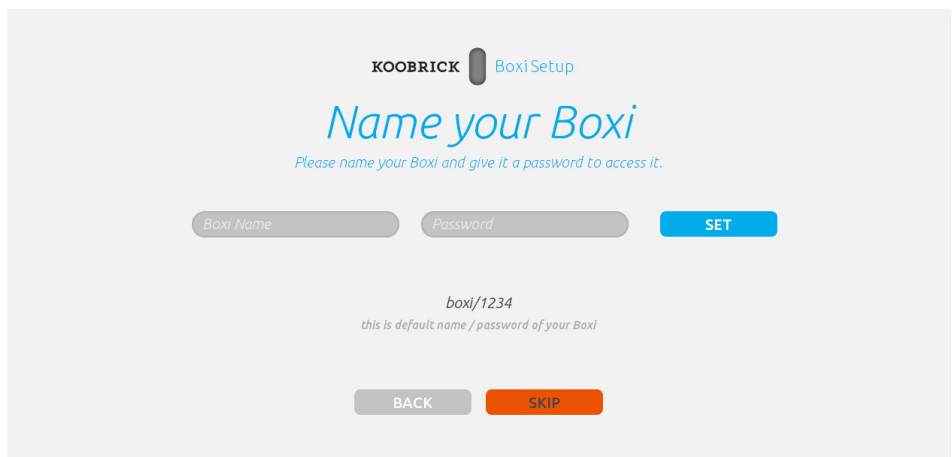


6. If your Koobrick Boxi has two internal SATA hard drives you will get the following screen. Please select what kind of RAID setup you want to use for Koobrick Boxi and click SETUP.

WE NEED TEXT here.
about possible options when
1 or 2 HDDD detected



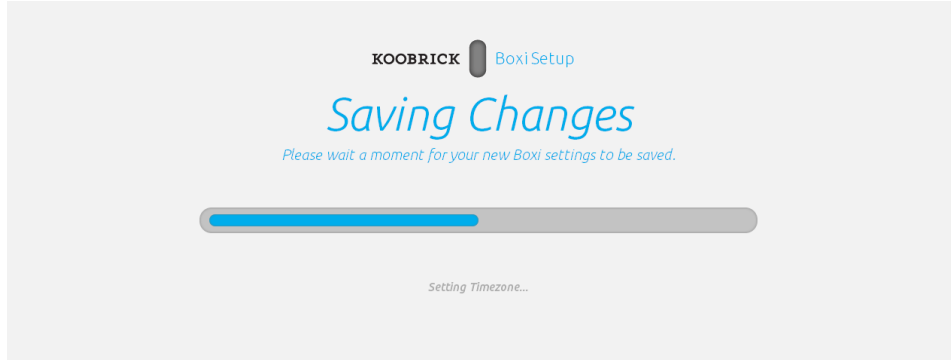
7. Name your Boxi and give it a password (default name: boxi, default password: 1234)



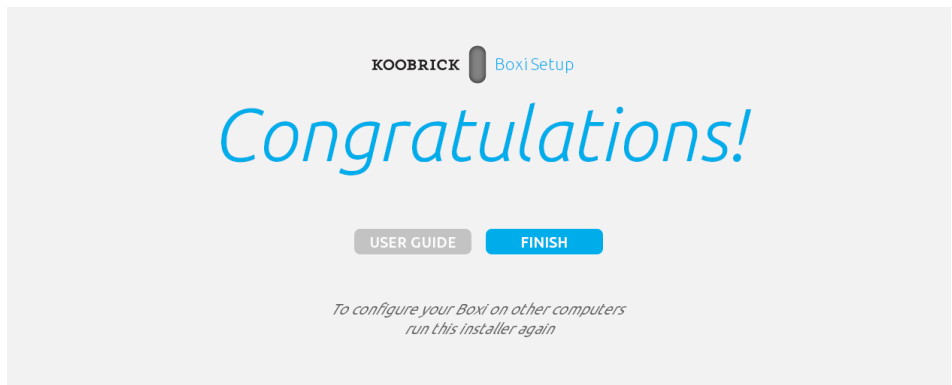
This is the name of the Document

8. Koobrick Boxi will save all the settings now. Please wait...

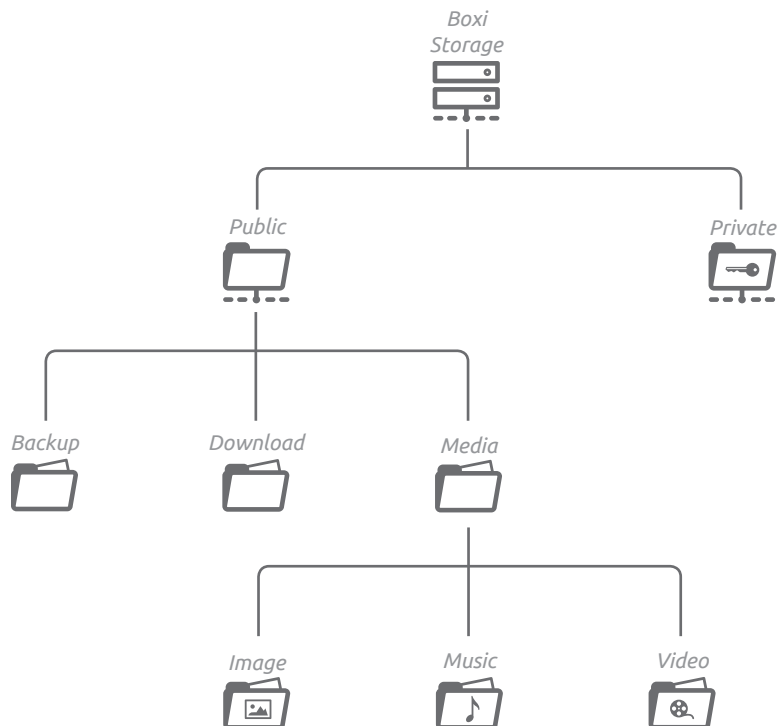
WE NEED TEXT here. explaining what is created automatically for user - like public,private shared folders etc...



9. Your Koobrick Boxi is now ready for use. Click FINISH
To enable additional computers to access Koobrick Boxi run this installer again.



If you now click "My computer" on your desktop you will see the new network drives added in wizard. Below is a typical Shared folders structure created automatically.

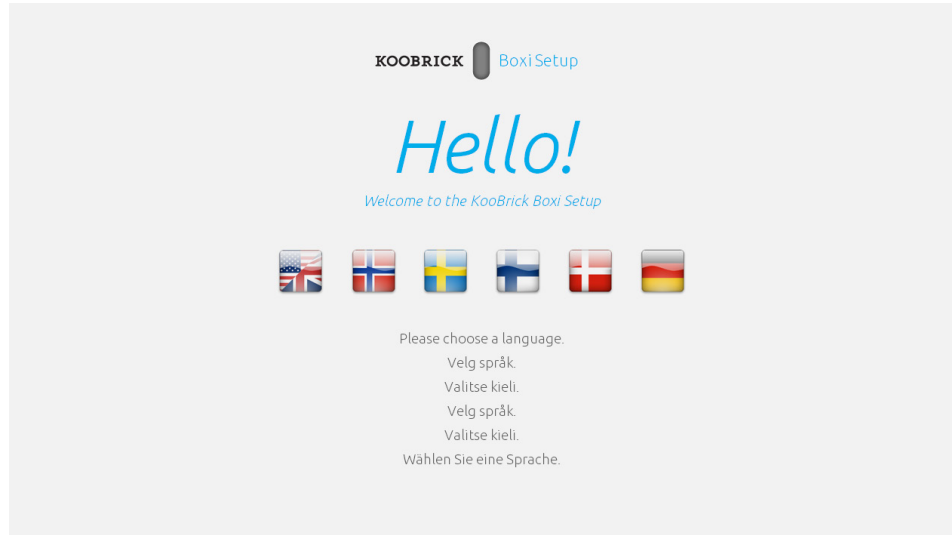


2.2 Install on additional computers

Before you start

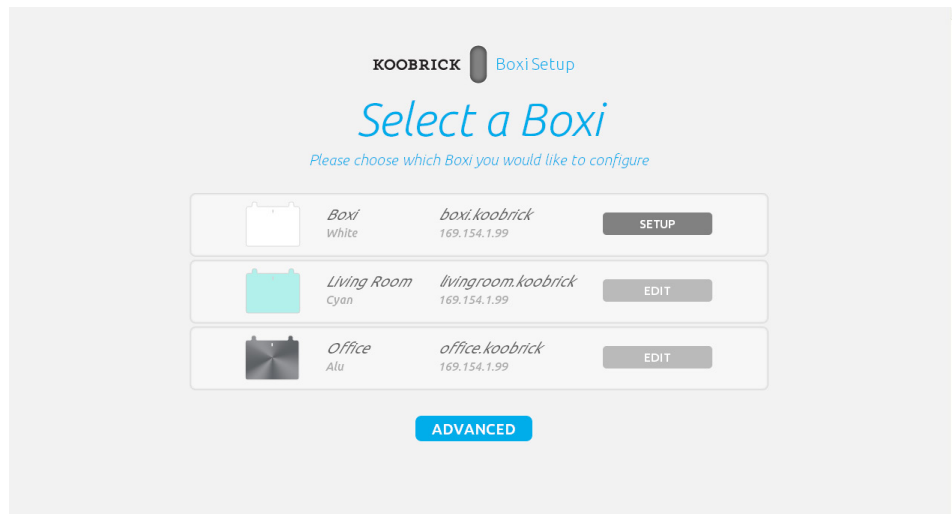
Make sure you have completed 'Initial installation' (chapter 2.1) before you start to install your Koobrick Boxi on additional computers.

1. Insert enclosed CD into your computer and wait for Boxi installer to start.
2. Select desired language.



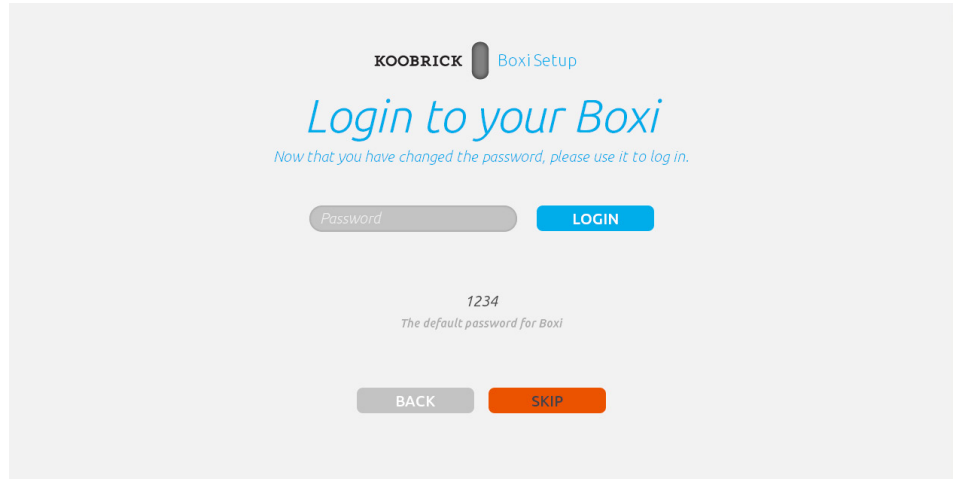
3. Select your Koobrick Boxi and click SETUP

In this step we choose which Koobrick Boxi we want to configure. Later on we can use this screen to edit Boxi's we've already configure before.

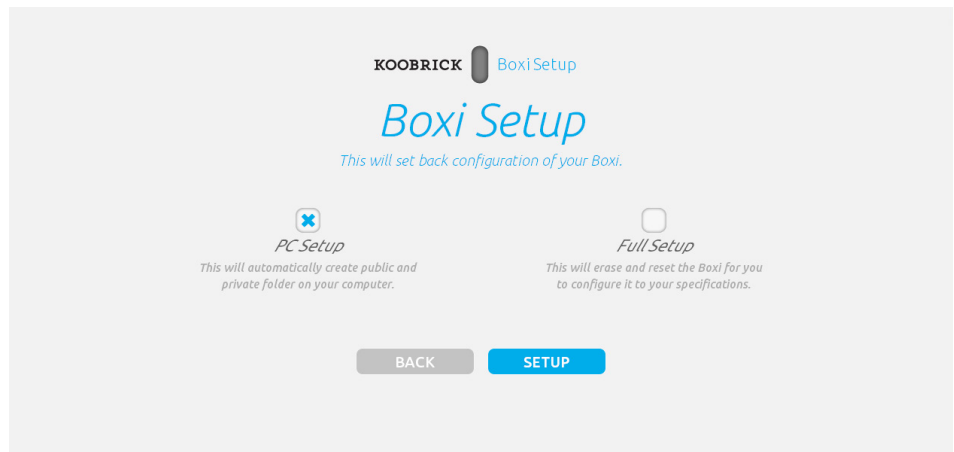


This is the name of the Document

4. Enter password and login to your Koobrick Boxi (default password: 1234)

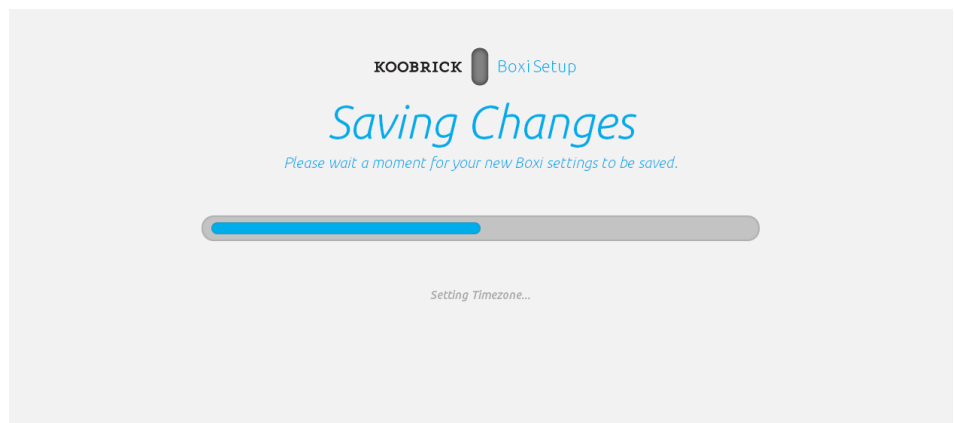


5. Select "PC Setup" and click SETUP to continue.

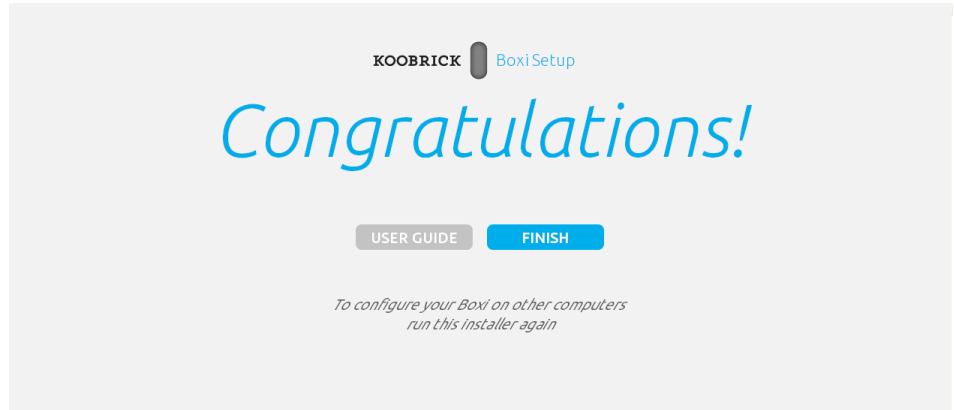


6. Koobrick Boxi will save all the settings now. Please wait...

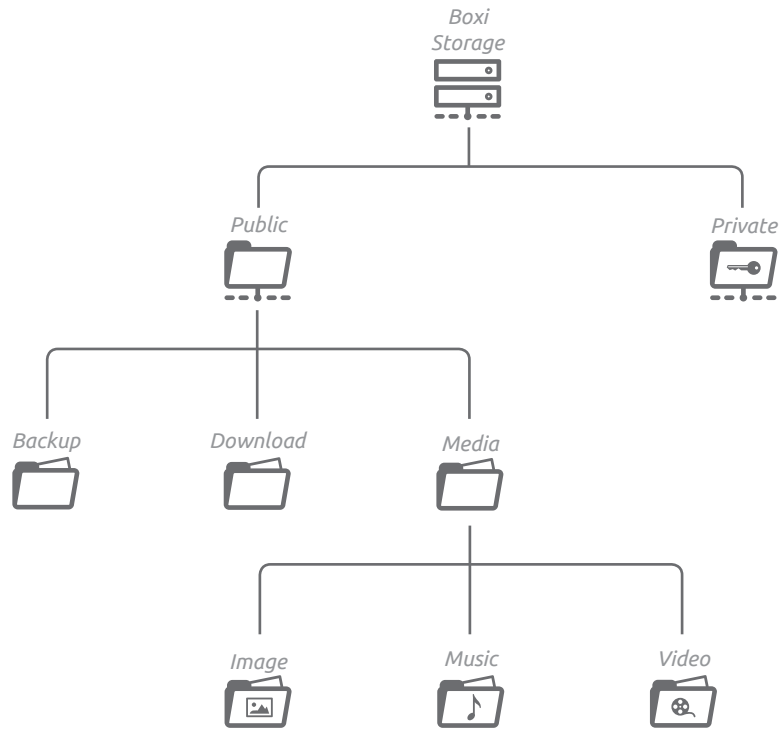
WE NEED TEXT here. explaining what is created automatically for user - like public,private shared folders etc...



7. Your Koobrick Boxi is now ready for use. Click FINISH.



If you now click "My computer" on your desktop you will see the new network drives added in wizard. Below is a typical Shared folders structure created automatically.

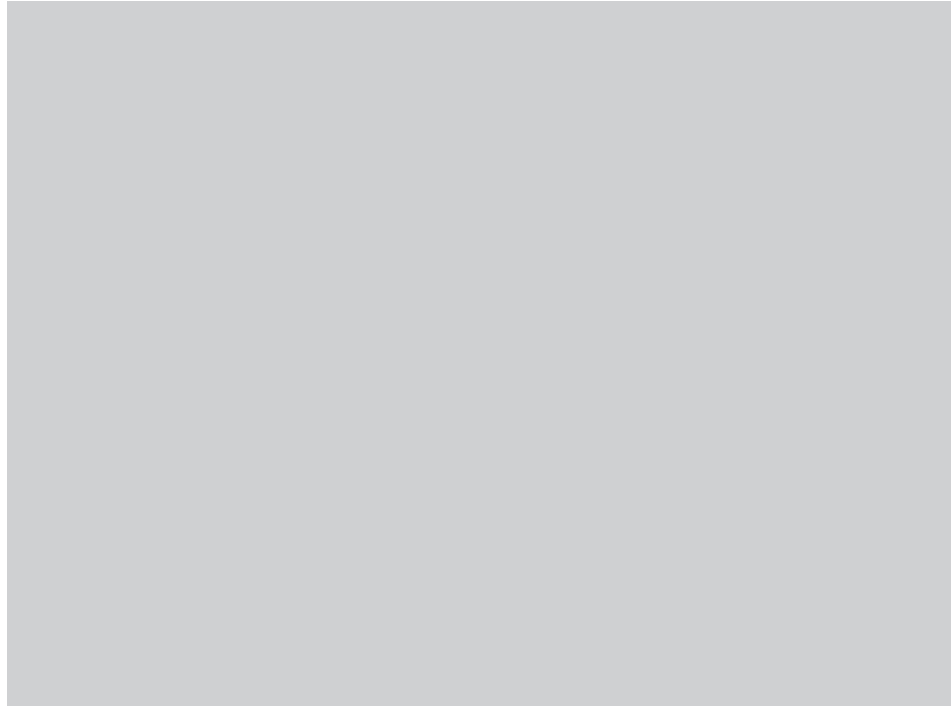


3. Status

Here you will find information/log about status for your Koobrick Boxi. You are also able to setup email notification.

Status

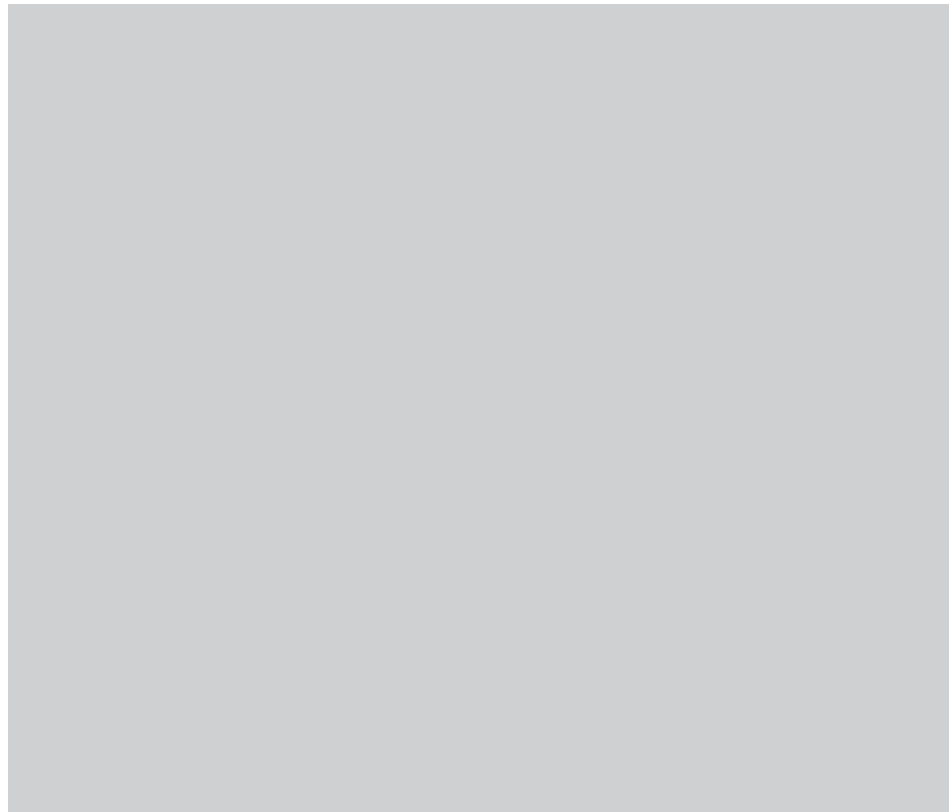
This page displays the status and basic information of the Koobrick Boxi.



Parameter	Description
System Time	Current system time.
MAC Address	The MAC address of this Koobrick Boxi.
Firmware Version	The version of Koobrick Boxi firmware.
Server Name	The name of this Koobrick Boxi. This is the file server name that shows in My Network Places on client computer.
Workgroup	The My Network Places group this file server will join.
Description	The description of this Koobrick Boxi.
IP Address	The IP address used by this Koobrick Boxi in your network.
Subnet Mask	The IP Subnet Mask of your LAN segment.
Gateway	The gateway IP address of your network.

Log

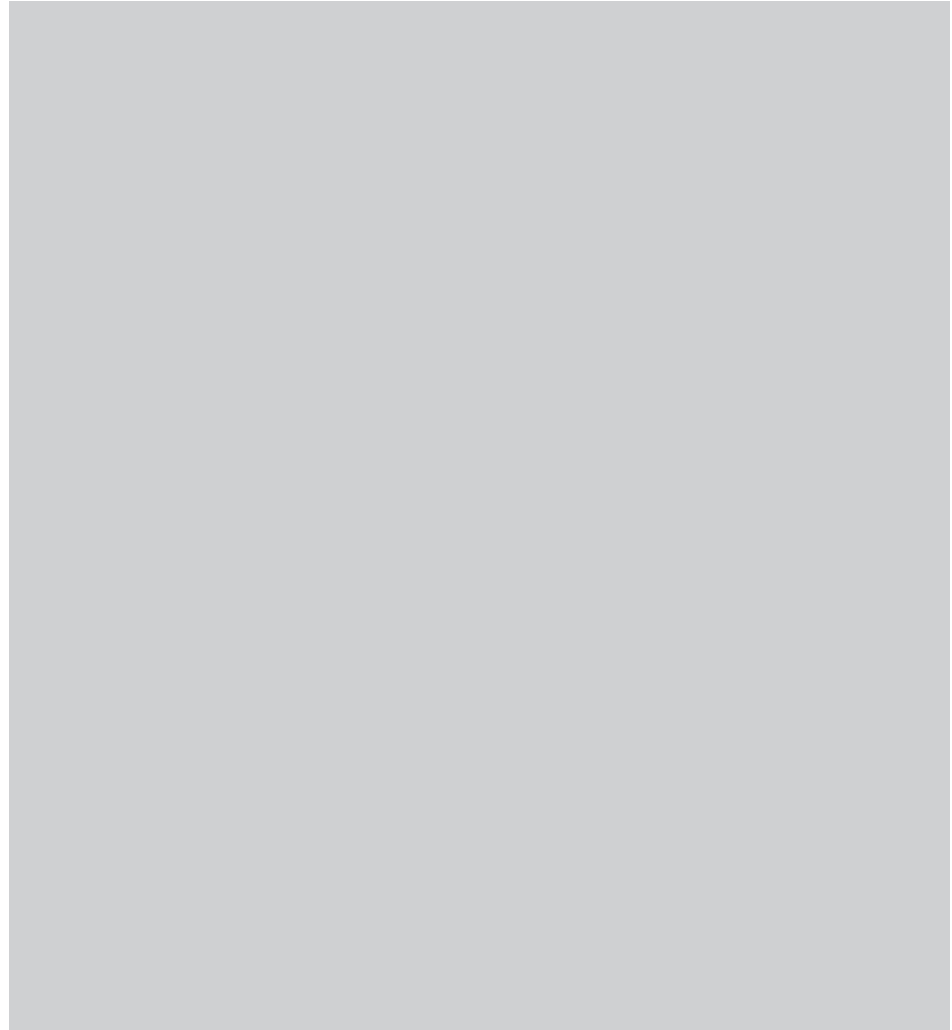
This page displays the log information of the Koobrick Boxi.



Parameter	Description
Type	Logs are categorized into several types. Please select a suitable type of log that you want to check.
Key Words	You can enter key words here and click "Search" to let the system searches all log information that contain the key words.
Save	Click "Save" to download and save the log information into your PC.
Clear	Click "Clear" to clear the log information of the selected type.
>>	Move to the first page of log.
<<	Move to the previous page of log.

Notification

This page let you to setup e-mail account that the Koobrick Boxi will use to send notification e-mail to you when the status of the Koobrick Boxi changes. You can assign two e-mail addresses (primary and secondary) for notification. Both e-mail boxes will receive the notification messages.



Parameter	Description
E-mail Notification Function	Select to enable/disable E-mail Notification Function.
Primary E-mail	The e-mail address of the e-mail box that will receive notification e-mail messages.
Secondary E-mail	The e-mail address of the e-mail box that will receive notification e-mail messages.
SMTP Server	The address of the SMTP Server that the Koobrick Boxi will use to send notification e-mail messages. You should refer to your e-mail service provider for the correct address.
SMTP Port	The port number of the SMTP Server that the Koobrick Boxi will use to send notification e-mail messages. You should refer to your e-mail service provider for the correct port number.

Secure Connection (SSL) is required	Select it if your e-mail service provider requires it.
Authentication Required	Select it and fill in the login information below if your e-mail service provider requires you to provide user name and password when using the e-mail service.
Username	The user name required by SMTP server.
Password	The password required by SMTP server.
Confirm Password	The password required by SMTP server. It should be the same with the password above.
E-mail Subject	The subject of the e-mail notification messages sent by the Koobrick Boxi.
E-mail Language	The language of the content of the e-mail notification messages sent by the Koobrick Boxi.
Send a test message	Click this button and the storage will send a test e-mail notification message to the provided e-mail boxes. If you receive the test e-mail notification message, it means your e-mail notification settings are correct.
E-mail Notification Events	Select types of notifications that you want the Koobrick Boxi send to you by e-mail.

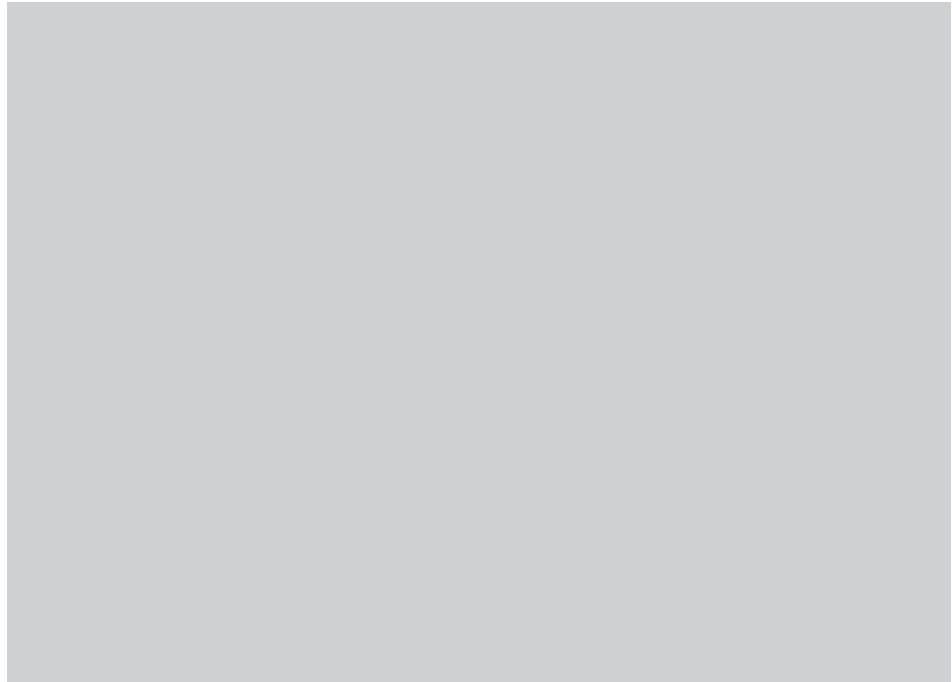
Click **<Save>** at the bottom of the screen to save the configurations.

3.1 Basic Configuration

The basic configurations include the Time Zone and Password setup pages.

Time Zone

The Time Zone allows this Koobrick Boxi to base its time on the settings configured here. This will affect functions such as update time of files stored in this Koobrick Boxi

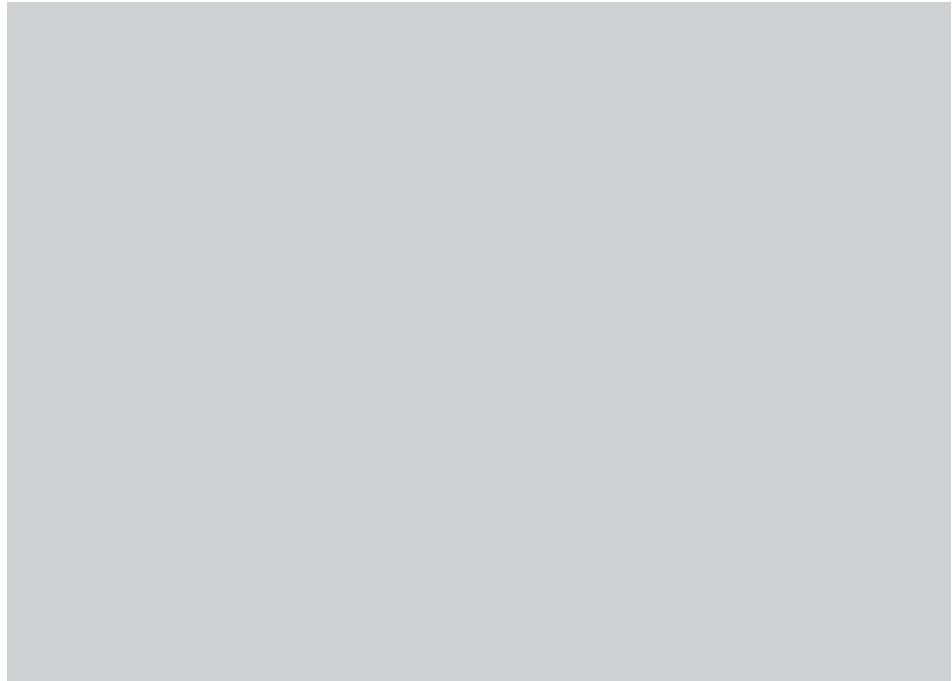


Parameter	Description
Set Time Zone	Select the time zone of the country you are living. The Koobrick Boxi will set its time based on your selection.
Time Server Address	You can manually assign time server address if the default time server does not work.
Daylight Savings	The Koobrick Boxi can also take Daylight savings into account. If you wish to use this function, you must check/tick the enable box to enable your daylight saving configuration (below)
Times From	Select the period in which you wish to start using daylight saving
Times to	Select the period in which you wish to stop using daylight saving
Set System Date and Time	If your network is not connected to the Internet, the Koobrick Boxi will have no chance to get correct time from the time server. In this case, you can manually assign current time here.

Click **<Apply>** at the bottom of the screen to save the configurations.

Password

You can change the password required to log into the management GUI of the Koobrick Boxi. By default, the password is "1234". Please change the password as soon as possible, and store it in a safe place. Password can contain 0 to 30 alphanumeric characters, and are case sensitive.



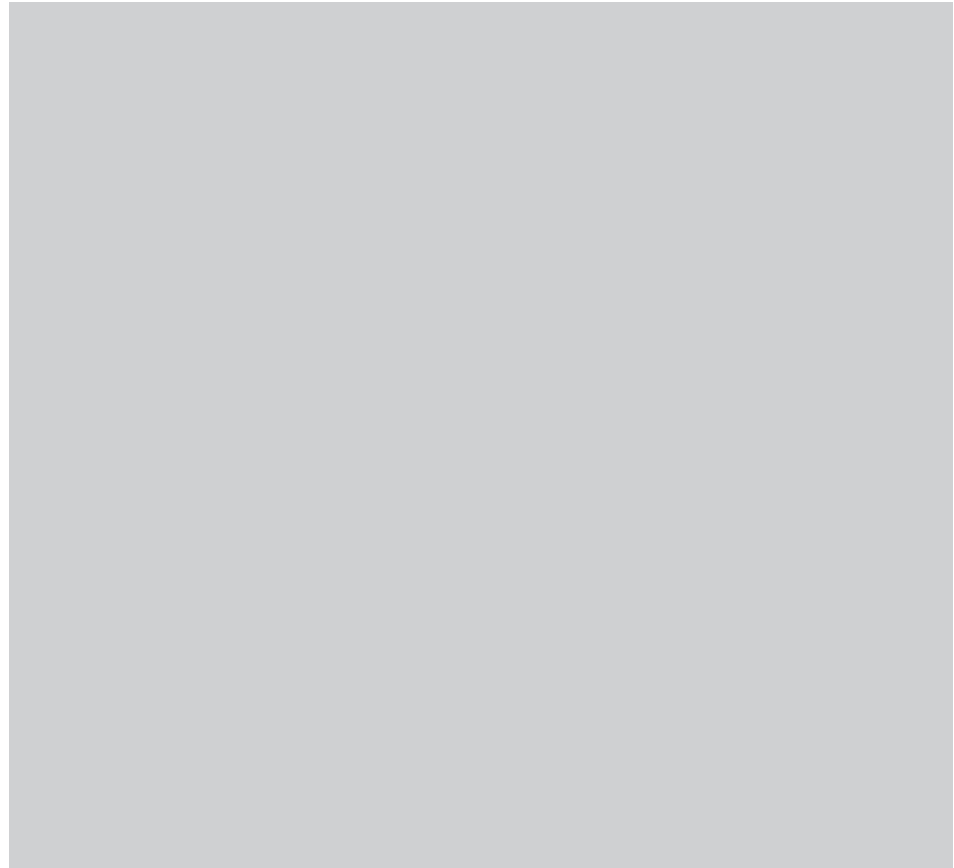
Parameter	Description
Current Password	Enter your current password.
New Password	Enter your new password.
Confirmed Password	Enter your new password again for verification purposes.

Click **<Apply>** at the bottom of the screen to save the configurations.

Note: If you forget your password, you have to reset the Koobrick Boxi to the factory default (password is "1234") with the "Release" and "Copy" buttons (see front panel of the Koobrick Boxi).

4. Network

The Network configurations include settings like IP address and DNS settings. As default your Koobrick Boxi is set to obtain ipadress automatically from your network (for example a broadband router). If you want to use a fixed ipadress for your Koobrick Boxi, please fill in all fields.



Parameter	Description
Obtain an IP address automatically	DHCP server is used to manage the IP address of a network. If you have a live DHCP server in your network and wish this Koobrick Boxi get IP address from your DHCP server, please select "Obtain an IP address automatically". Note: According to the settings of you DHCP server, the IP address obtained from your DHCP server may change by time.
Use the following IP address	If you want to manually assign an IP address to this Koobrick Boxi, please select "Use the following IP address" and assign IP Address, Subnet Mask and Gateway Address to the Koobrick Boxi here.
IP Address	The IP address used by this Koobrick Boxi in your network.
Subnet Mask	The IP Subnet Mask of your LAN segment.

Gateway Address	The gateway IP address of your network. Normally, it is the LAN IP address of the router you are using to access the Internet.
DNS address	Fill in the IP address of a live DNS server.
Secondary/Third DNS Address (optional)	This is optional. You can enter another DNS server's IP address as a backup. The secondary/third DNS will be used when the above DNS server fails.
Jumbo Frame	Normally, maximum standard ethernet packet size is 1514 bytes. Koobrick Boxi can provide enough file transmission throughput under 1514 bytes packet size. If you have huge amount of files to transfer in a short time and wish Koobrick Boxi to provide higher transmission speed, you can try jumbo frame. Jumbo frame contains more than 1514 bytes of data in one network packet, so it can provide higher transmission speed. Koobrick Boxi support jumbo frame up to 6K bytes packet size. Before using jumbo frame, please be sure that your PC is using a gigabit network card supporting jumbo frame and the flow control of the gigabit network card is enabled; and if you are using a gigabit switch, you also have to make sure that the switch support jumbo frame. But jumbo frame is not a standard, so please try to upload and download one file larger than 1G bytes to make sure that jumbo frame function of your gigabit network devices are compatible with this storage server.

Click **<Apply>** at the bottom of the screen to save the configurations.

5. File/FTP Server

The File/FTP server configurations include Users, Groups, Server settings, Shared folder and Easy Send setup.

Users (see chapter 5.1)

Users setup is used to add/edit users of File/FTP server.

Groups (see chapter 5.2)

Groups setup is used to add/edit groups of File/FTP server. You can add one or more users to a group.

Server Settings (see chapter 5.3)

This Koobrick Boxi supports CIFS (Samba) and FTP protocols. Samba lets you share files stored in the Koobrick Boxi via My Network Places. FTP lets you share files stored in the Koobrick Boxi through Internet.

Shared Folders (see chapter 5.4)

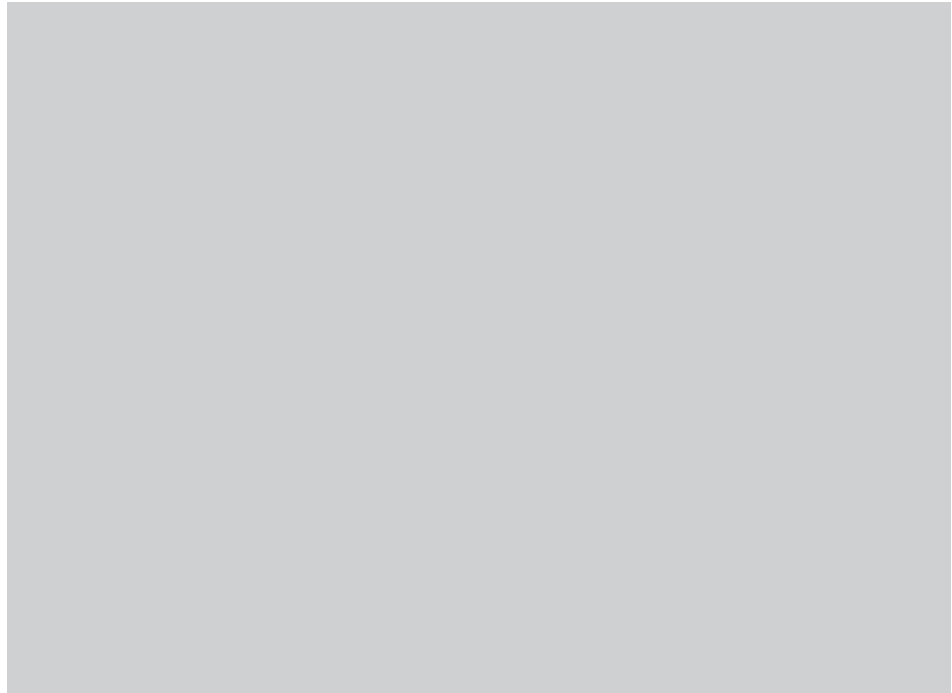
You can add/edit shared folders settings here. The shared folders can be shared by FTP and My Network Places.

Easy Send (see chapter 5.5)

Easy Send let you easily send files to everyone including person without a user account of the Koobrick Boxi.

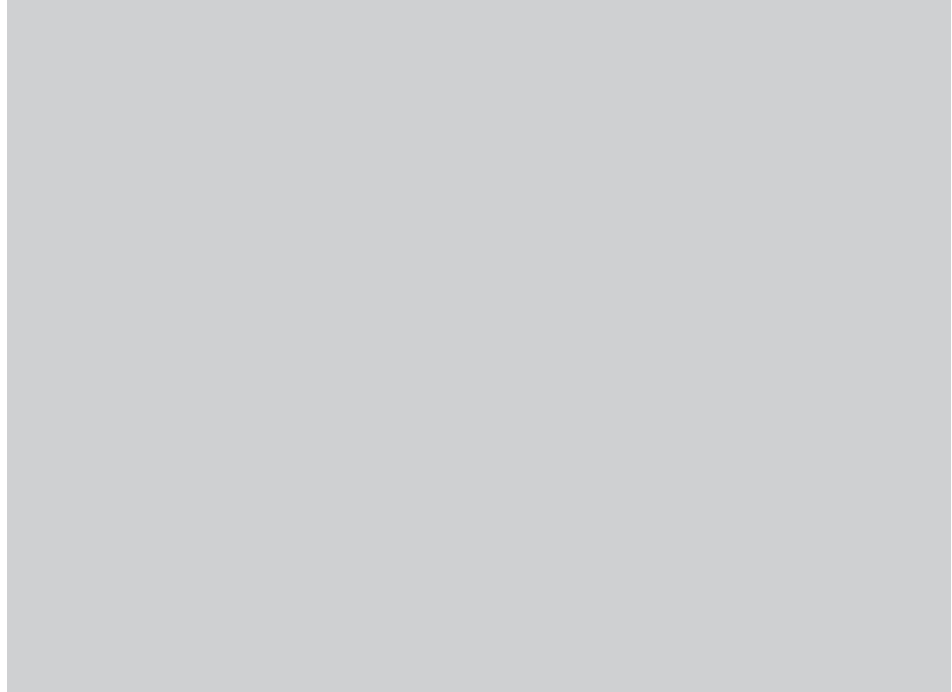
5.1 Users

Users setup is used to add/edit users of File/FTP server.



Parameter	Description
Add	Click "Add" and fill the information of the Add a New User page to add a new user for File/FTP server.
Edit	You can select any user in Users list and click "Edit" to modify her/his profile.
Delete Selected	You can click "Delete Selected" to delete the selected users in Users list.
Delete All	You can click "Delete All" to delete all the users in Users list.
Reset	You can click "Reset" to reset selection in Users list.

Add a New User



Parameter	Description
User Name	The name of this user. The allowed characters are 'a-z', 'A-Z', '0-9' and '_'. Note: The user name should be unique and should not be the same with any other user name and group name.
Description	The description of this user.
Password	Password The password of this user.
Confirm password	Re-type the password of this user for confirmation.
E-mail Address	The e-mail address of this user. The Koobrick Boxi will send some messages to this user by e-mail if necessary.

Click **<Save>** at the bottom of the screen to save the configurations.

Note: The max number of users supported in File/FTP server is 32.

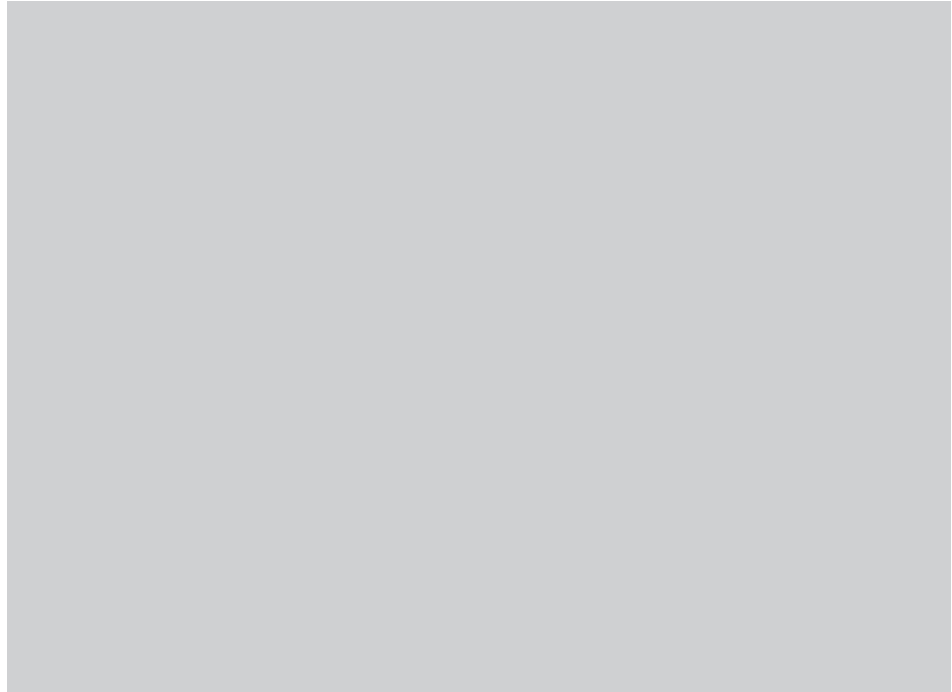
5.2 Groups

Groups setup is used to add/edit groups of File/FTP server. You can add one or more users to a group.



Parameter	Description
Add	Click "Add" and fill the information of the Add a New Group page to add a new group for File/FTP server.
Edit	You can select any group in Groups list and click "Edit" to modify its profile.
Delete Selected	You can click "Delete Selected" to delete the selected groups in Groups list.
Delete All	You can click "Delete All" to delete all the groups in Groups list.
Reset	You can click "Reset" to reset selection in Groups list.

Add a New Group



Parameter	Description
Group Name	The name of this group. The allowed characters are 'a-z', 'AZ', '0-9' and '_'. Note: The first character of group name should be 'a-z' or 'AZ'. Note: The group name should be unique and should not be the same with any other user name and group name.
Description	The description of this group.
Select Authorized Users	Select the users that you want to add to this group by selecting the check on the right.

Click **<Save>** at the bottom of the screen to save the configurations.

Note: The max number of groups supported in File/FTP server is 12.

5.3 Server Settings

This Koobrick Boxi supports CIFS (Samba) and FTP protocols. Samba lets you share files stored in the Koobrick Boxi via My Network Places. FTP lets you share files stored in the Koobrick Boxi through Internet.

Note: The maximum file size of a single file is 2GB if the partition type is FAT16; the maximum file size is 4GB if the partition type is FAT32 or NTFS; the file size can be larger than 4GB if the partition type is EXT2 or EXT3.



My Network Places

Parameter	Description
Name	The file server name that shows in My Network Places on client computers.
Workgroup	The My Network Places group this file server will join.
Description	A brief description of this file server. This string will be shown at the detailed information field of My Network Places.
Recycle Bin	You select to enable/disable Recycle Bins function here. When you delete a file in a shared folder which supports Recycle Bin vi My Network Places, the deleted file will be kept in the Recycle Bin and you still can read it. If you delete the file in the Recycle Bin, the file will vaporize permanently. at the detailed information field of My Network Places.

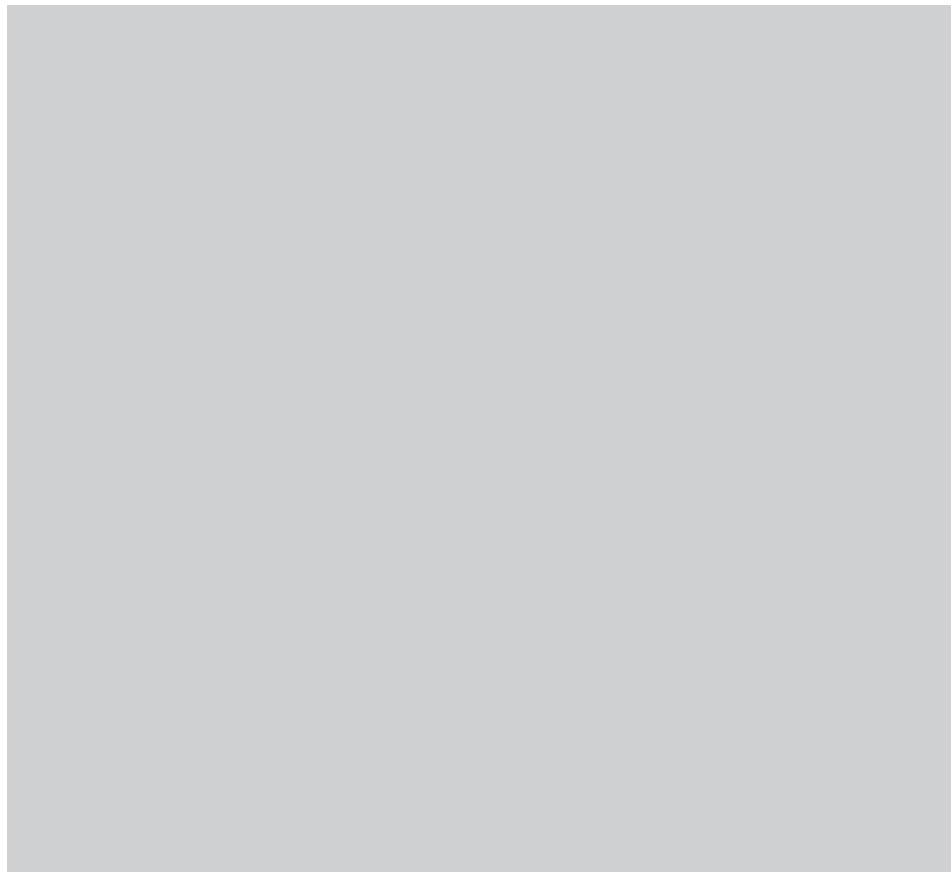
FTP Settings

Parameter	Description
Max Users	Set the maximum concurrent users for the FTP server.
Idle Time	Set the time that FTP server will wait before disconnecting a FTP client when it is inactive.
FTP Client Language (Encoding)	Select a language (or encoding) used by the FTP clients. If the encodings of FTP client and server are different, the file transfer will fail when there is any double byte word in the folder name or file name.
Security (SSL/TLS)	A secured FTP connection can be protected by SSL/TLS encryption. If you select "No", all FTP connections are not protected. If you select "Only allow FTP clients with SSL/TLS", then only protected FTP connection is allowed. Any client cannot create FTP connection without SSL/TLS protection. If you select "Allow FTP clients with or without SSL/TLS", then the FTP server will receive connection from clients in both ways.

Click **<Save>** to save the configurations.

5.4 Shared Folders

You can add/edit shared folders settings here. The shared folders can be shared by FTP and My Network Places.

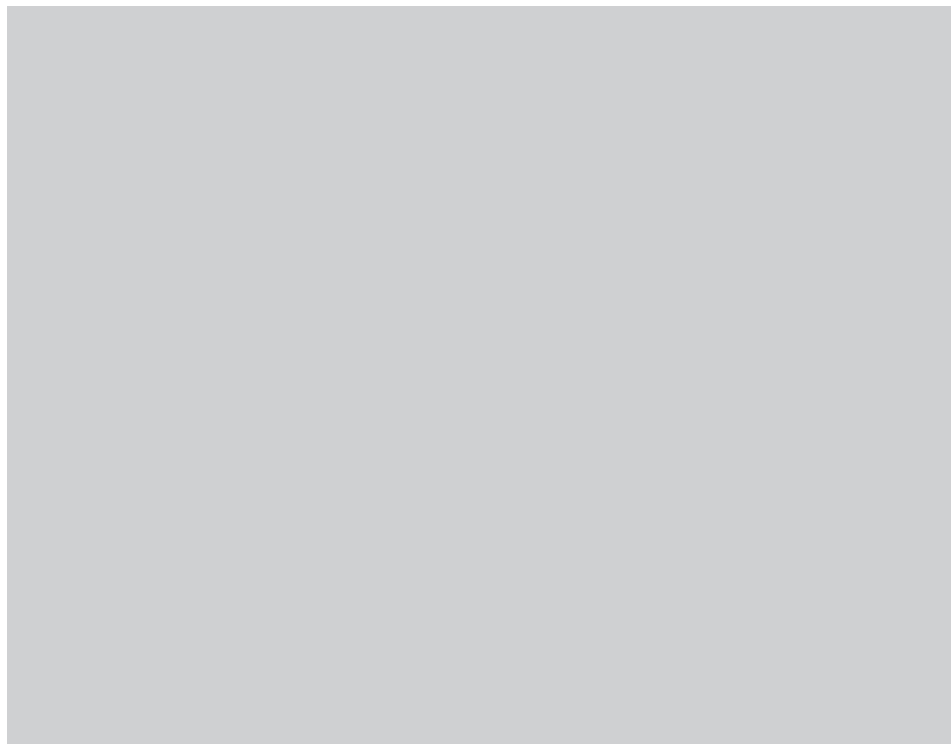


Parameter	Description
Add	Click "Add" and fill the information of the Add/Edit Shared Folder page to add a new shared folder.
Edit	You can select any shared folder in Shared Folders list and click "Edit" to modify its setting.
Delete All	You can click "Delete All" to delete all the shared folders in Shared Folders list.
Delete Selected	You can click "Delete Selected" to delete the selected shared folders in Shared Folders list.
Reset	You can click "Reset" to reset selection in Shared Folders list.
Empty the Recycle Bins of Selected Shared Folders	After clicking this button, the files in the Recycle Bins of the selected shared folders will vaporize permanently. There will be no way to reclaim the deleted files.
Empty the Recycle Bins of All Shared Folders	After clicking this button, the files in the Recycle Bins of the all shared folders will vaporize permanently. There will be no way to reclaim the deleted files.
New Storage Default Sharing Policy	You can set a default sharing policy (Read & Write, Read Only or Not to Share) to any USB storage which doesn't have any shared folder yet. The whole disk of the new storage will be shared. All users (including anonymous user) have the same privilege to access the new storage.

Click **<Save>** at the bottom of the screen to save the configurations.

Note: The max number of shared folders supported in the Koobrick Boxi is 100.

Add/Edit Shared Folder

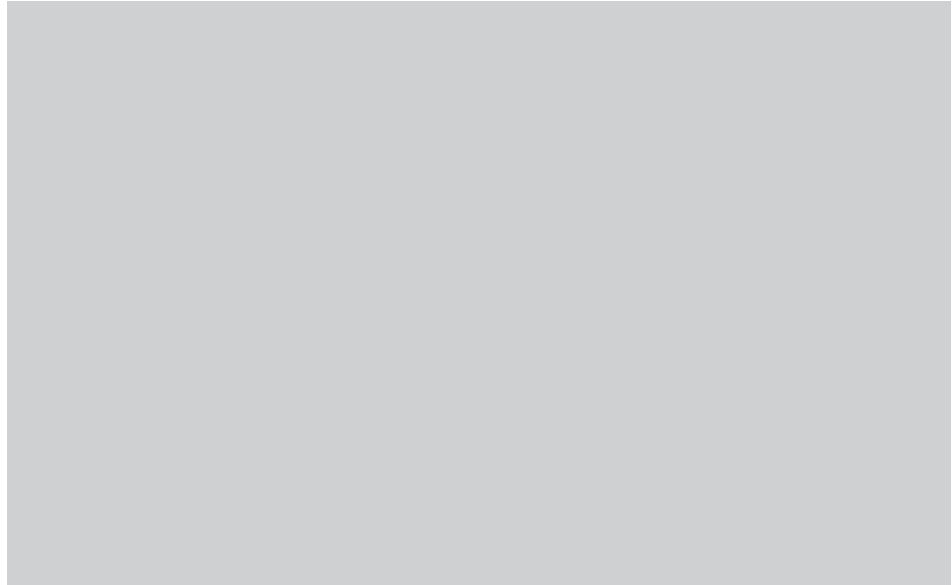


Parameter	Description
Folder Name	The name for shared folder that shows in My Network Places on client computer.
Shared Folder's Path	Click on "Browse" to select the folder to be shared. If you select "Share all folders in storage", the Koobrick Boxi will create a share item for each partition of all currently attached storages. The share name of each share item consists of three parts, assigned folder name, disk name and partition name, and the three parts are separated by "_". There are 3 possible disk names, HDD1, HDD2, RAID, USB1 and USB2. For example, if you add a shared folder by assigning "All" as the folder name and select "Share all folders in storage", and now you have an internal SATA hard disk drive with one partition and one USB hard disk drive with 3 partitions attached on USB2. Then after you create the shared folder, there will be 4 share items created with the name of "All_HDD1_C", "All_USB2_C", "All_USB2_D", "All_USB2_E".
Users/Groups	You can assign access privilege of the shared folder to all users and groups here. There are three users/groups lists. The left list contains all users and groups that have not been assigned privilege on this shared folder. The upper right list contains all users and groups that only have read privilege on this shared folder. The lower right list contains all users and groups that have read and write privileges on this shared folder. If you assign "Read Only" or "Read & Write" privilege to "anonymous", then all users can access this folder without password.
Description	Description The comments or descriptions for this share folder.
Shared to	You can select to share the folder vi My Network Places and/or FTP.

Click **<Save>** at the bottom of the screen to save the configurations.

Browse Dialog

When you click the “Browse” button, you can see the following popup screen that shows all the attached storage devices (including the internal SATA hard disk drive and external USB mass storage devices). Please select a storage device from left panel, the right bottom panel will show the folders in this storage device. Choose the folder you want to share, and click “Submit” to share the selected folder. You can also click “New Folder” to create a new share folder.



Note: Only the folders in the storage devices will be shown as icons in Browse Dialog, because the unit of sharing policy is restricted to folders, not files.

Visit shared folders

When you visit the Koobrick Boxi by Windows Explorer or NetDisk Explorer, you can see all the shared folders. You only can enter the shared folders that your account has privilege.

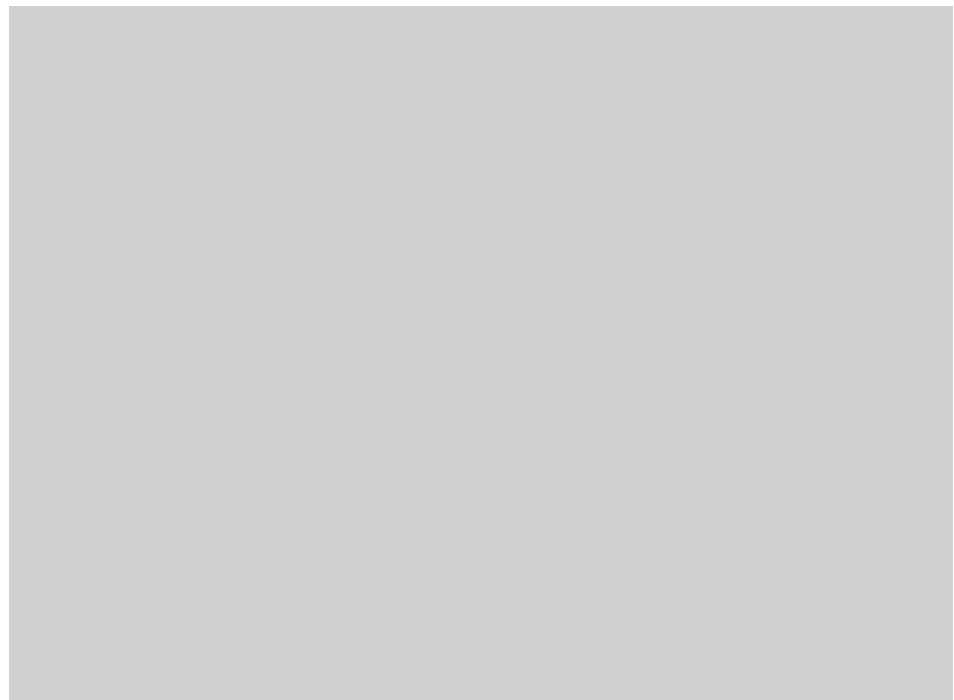
Other than the shared folders you set here, there are some default shared folders whose names have the prefix “hdd”, “usb” or “raid”. For example “hdd1_c”, “hdd1_d”, “hdd2_c”, “usb1_c”, “raid_c”..... These folders are automatically created by the system. The system creates shared folder for all partitions of all the hard disk drives plug into the storage server. These folders only can be accessed by “admin” management account.



5.5 Easy Send

Easy Send let you easily send files to everyone including person without a user account of the Koobrick Boxi. Every time when you send a file, the Koobrick Boxi will automatically generate a randomly encoded download address (in text, like a URL) of the file for you. You can send the download address to the recipients by email, messengers and other ways. Every recipient who has this download address can download the file without a user account of the Koobrick Boxi. Because every download address is composed of a randomly encoded long text string, so hackers are very difficult to guess it right.

Note: Please refer to the section 14.1 “Easy Send” for the details of how to use the Easy Send.



Parameter	Description
Life cycle of sent file	You can assign the life cycle (in days) of the sent file. Every sent file will be deleted after the end of its life cycle and the storage space used by the deleted file is freed.
Internet address of this Koobrick Boxi	You have to provide a valid Internet address of this Koobrick Boxi for recipients to download files from the Internet. If the Koobrick Boxi is directly connected to Internet, then the LAN IP address is the public IP address that your Internet service provider assigns to you. If the Koobrick Boxi is connected to Internet through an IP sharing router, then the WAN address of the IP sharing router is the Internet address of this Koobrick Boxi and you also have to setup the IP sharing router to forward FTP traffic to this Koobrick Boxi. If your Internet service provider assigns fixed public IP to you, then you can use the fixed public IP address as the Internet address of this Koobrick Boxi.

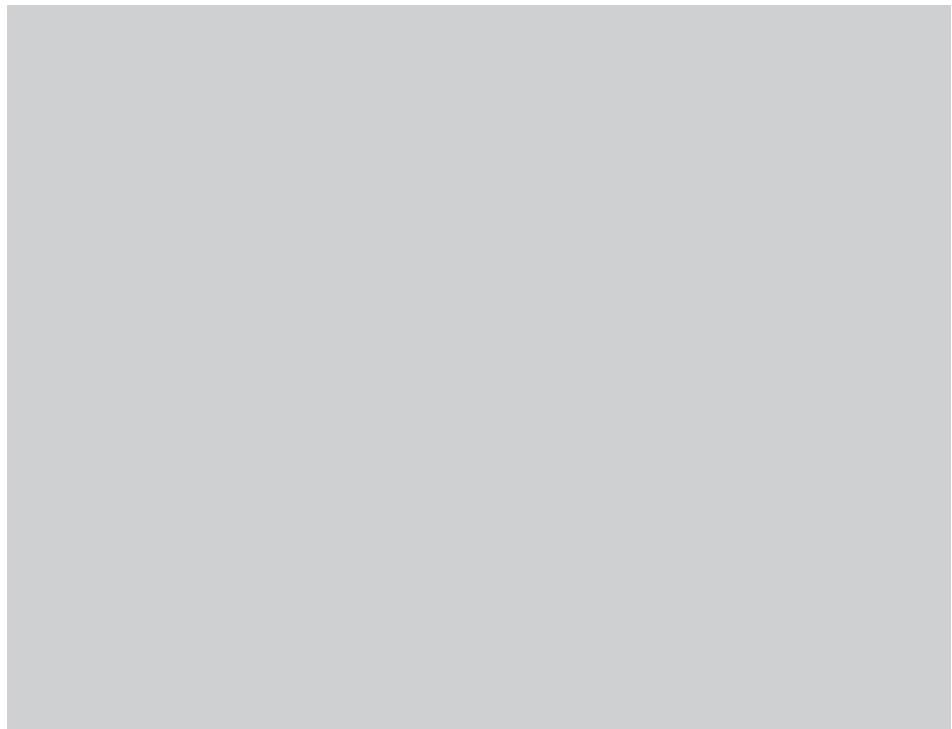
	<p>If your Internet service provider assigns dynamic public IP to you, your public IP address will change frequently. You should use DDNS service to map a fixed domain name address to the dynamic public IP, and use this fixed domain name address as the Internet address of this Koobrick Boxi. If you leave this field blank, than the Koobrick Boxi will use your current LAN IP address as Internet address of this Koobrick Boxi.</p>
Select a disk for Easy Send	<p>Select one available disk to let Easy Send to store files for recipients to download.</p>
Enable storage space limitation	<p>Check this if you want to limit the storage space used by Easy Send. You also have to assign the storage space limitation for the whole Easy Send system and the storage space limitation for each Easy Send user. Easy Send will refuse to send new files for you if the total size of your sent files reaches the limitation.</p>
Easy Send Advanced Settings	<p>Click this button to do Easy Send advanced settings.</p>
Easy Send History	<p>Easy Send History list information of all sent files.</p>
Detail	<p>Click this button to read the details of sent file. It also contains the links to download the sent files from both LAN and Internet.</p>
 <<	<p>Move to the first page of Easy Send History.</p>
<<	<p>Move to the previous page of Easy Send History.</p>
>>	<p>Move to the next page of Easy Send History.</p>
>> 	<p>Move to the last page of Easy Send History.</p>
Go	<p>Move to the page according to the assigned page number.</p>
Delete Selected	<p>Delete selected sent files and free the storage space used by them.</p>
Delete All	<p>Delete all sent files and free the storage space used by them.</p>

6. WEB torrent

Koobrick Boxi support download through WEB torrent (BT) peer-to-peer file download function. You can let Koobrick Boxi download files via WEB torrent protocol without switching your computer on. You can also see all downloading BT items here. Please make sure that the Koobrick Boxi has enough remaining storage space to save the download files.

Except for this Web GUI, you also can use the Windows-based Download Manager utility to manage the download items. Please refer to Chapter 12

Note: Due to the download mechanism used by WEB torrent, it's not recommended to use USB flash disks to save the files you wish to download.



Parameter	Description
BT Download Function	You can enable or disable BT Download Function here.
Advanced Setting	Click this button and Advanced Setting page will show.
Add Torrent	Click this button to add a new torrent (files with .torrent extension) file, and the Koobrick Boxi will start to download the files. You'll be prompted to provide the location of .torrent file (See the detailed descriptions below)
Refresh	Click this button to get latest status of BT Download.
Pause	Select one or more downloading BT items in the list, and click this button to pause them.
Resume	Select one or more suspended BT items in the list, and click this button to resume downloading. this button to pause them.

Remove All	Remove all BT items from the list.
Remove Selected	Remove selected BT items from the list.
Reset	Deselect all selected BT items in the list.

Click **<Save>** button to save the configurations.

Note: The max number of BT download items is 32.

Add WEB torrent

After you click 'Add Torrent' button, you'll be prompted to provide the location of a torrent file and the folder to save the downloaded files.

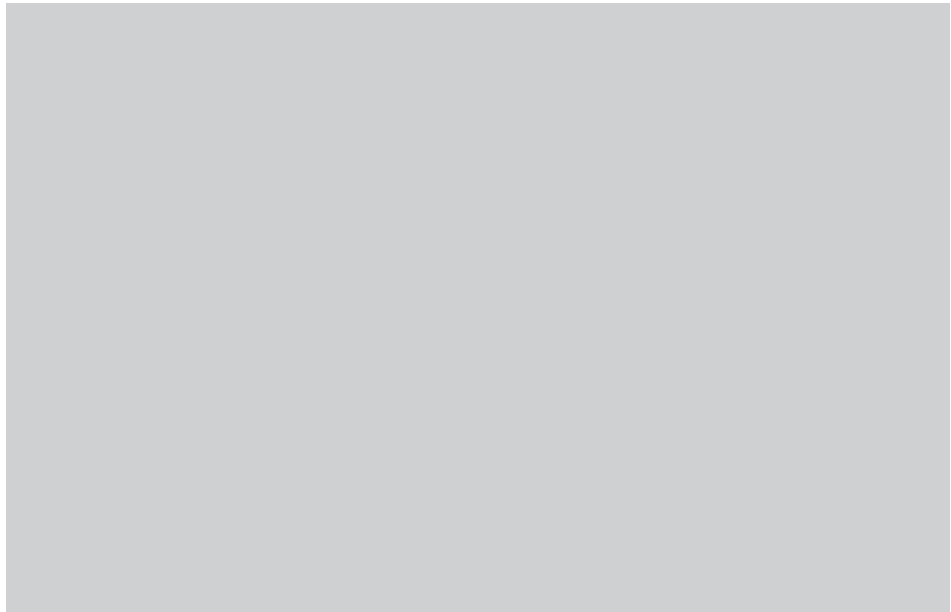


Parameter	Description
Torrent Location	Please specify the location of .torrent file. You can provide the Internet URL of a .torrent file (for example: http://www.torrentfile.com/files/movie.torrent), upload a .torrent file from your PC, or browse and select a .torrent file stored in the Koobrick Boxi. If you select "Internet Address", please fill the URL address of torrent file, or you can just copy the URL address of torrent file from web browser; If you select "PC" or "This File Server", click "Browse" and a file browsing window will popup, and you can select the torrent file in your PC or the Koobrick Boxi.
Assign a folder on this file server to save the files	Please click 'Browse' button and a file browsing window will popup. Please specify the folder you wish to save downloaded files. (You can create a new folder by clicking "New Folder" button in file browsing window).

Priority	Please assign a priority level to this BT download item. Available options are 'VIP', 'High', and 'Low'. The priority will affect the order of BT download. For example, if you set the maximum active BT download item number to be 5 in the Advanced Setting page, only 5 active BT Download items can be downloaded at the same time. If you have more than 5 BT Download items, every BT Download item with lower priority will be downloaded only when no more than 4 higher priority active BT download items are downloading.
Add	Click this button to add the BT Download job to the list.
Reset	Reset all fields in this page to default value.
Cancel	Cancel adding a new BT job and return to previous page.

Advanced Setting

After you click "Advanced Setting" button, the **BT Download Advanced Setting** page will show. You can set the port number used by BT, bandwidth control, maximum active download number and enable/disable DHT here.



Parameter	Description
Listening ports used for incoming TCP/UDP connection	The port range BT listening to during downloading. If you are using a NAT router to access the Internet, let the router forwarding these ports to the IP of Koobrick Boxi. It will increase the BT download speed.
Maximum download rate per torrent	The maximum download rate per torrent in Kbytes per second. Enter "0" if you do not want to limit the download speed of BT.

Maximum upload rate per torrent	The maximum upload rate per torrent in Kbytes per second. Enter "0" if you do not want to limit the upload speed of BT.
Maximum number of active downloads	The maximum number of active torrents that can be downloaded at the same time. If you add more download items, some items have to wait in turn.
Maximum concurrent connection number per torrent	The maximum number of connections can be used to download a BT download item at the same time.
DHT network	Enable DHT network would let the BT have a chance to find more peers to download even when no tracker servers are available.

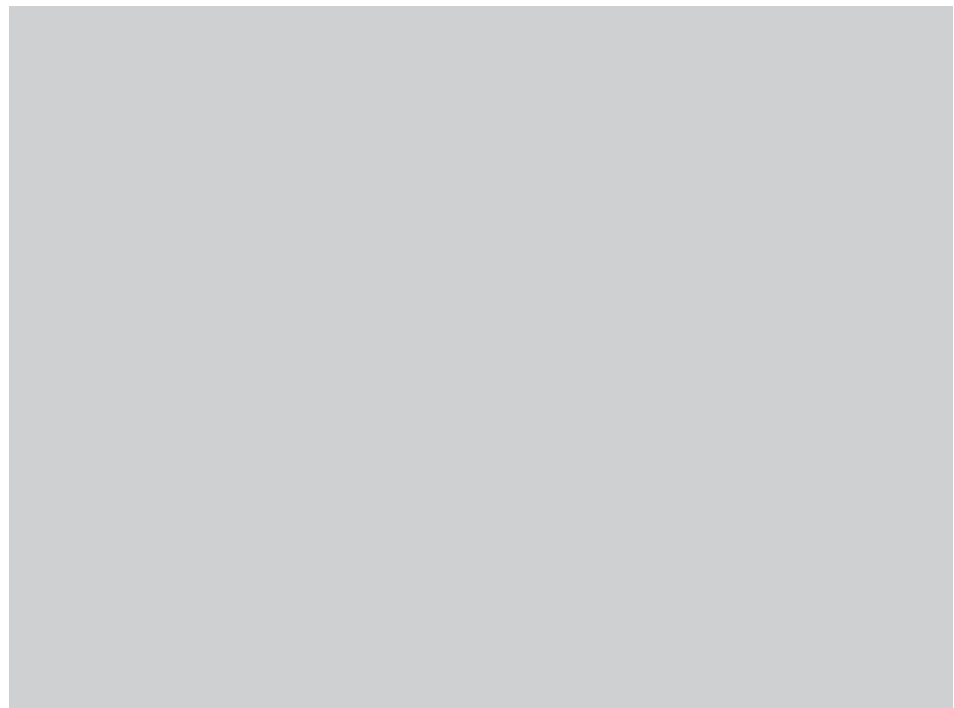
7. WEB/FTP Download

Koobrick Boxi supports downloading file from Web and FTP server, so you can download large file from Web or FTP server without keeping your computer switched on.

Except for this Web GUI, you also can use the Windows-based Download Manager utility to manage the download items. Please refer to Chapter 12.

Info: Before a file can be downloaded and saved, please make sure the free space of the storage is enough.

Info: Only 5 active Web/FTP Download items can be downloaded at the same time. If you have more than 5 Web/FTP Download items, some items have to wait in turn.



Parameter	Description
Web/FTP Download Function	You can enable or disable Web/FTP Download Function here. Click "Save" to apply changes or "Cancel" to discard the change you made.
Internet Address	Please specify the URL of file you wish to download from Web or FTP server. For example: ftp://ftp.fileserver.com/files/download.zip or http://www.downloadfile.com/files/download.zip
URL Encoding	The URL encoding method of the download source Web/FTP server. The Web/FTP server will encode double-byte characters of URL. If the URL encoding method assigned is not the same with the Web/FTP server, download will fail.
Save As	Please specify the location you wish to save downloaded file. Click "Browse" button to select the folder you wish to save the file.

User Name	This field is optional. Please input the server's username here if the server requires it.
Password	This field is optional. Please input the server's password here if the server requires it.
Add	Click this button to add the download job above to the download list and start downloading.
Reset	Reset all fields in this page to default value.
Refresh	Click this button to get latest status of Web or FTP download.
Pause	Select one or more downloading items in the list, and click this button to pause them.
Resume	Select one or more paused items in the list, and click this button to resume downloading.
Remove All	Remove all items from the list.
Remove Selected	Remove selected item from the list.
Reset	Deselect all selected items in the list.

Info: The max number of Web/FTP download items is 32.

8. Tools

Tools menu provides several management tools, including Storage Tools, Storage Status, USB Copy, Config Tools, Firmware Upgrade and Reset.

Storage Tools (see chapter 8.1)

You can use the Storage Tools to manage the partition and format of the attached storage devices. It also allows you to build RAID 0, JBOD or RAID1 if you have two internal SATA hard disk drives installed.

Storage Status (see chapter 8.2)

This Page shows the status of all attached storage devices.

USB Copy (see chapter 8.3)

USB Copy tool allows you to copy the content of one external USB mass storage device to another attached storage device. When you press the Copy button on the front panel of this Koobrick Boxi, the copy job will be triggered.

Config Tools (see chapter 8.4)

The Configuration Tools allow you to save (backup) the Koobrick Boxi's current settings.

Firmware Upgrade (see chapter 8.5)

This tool allows you to upgrade the Koobrick Boxi's system firmware.

Reset (see chapter 8.6)

You can reset the Koobrick Boxi's system when there's something wrong with the Koobrick Boxi.

8.1 Storage Tools

You can use the Storage Tools to manage the partition and format of the attached storage devices. It also allows you to build RAID 0, JBOD or RAID1 if you have two internal SATA hard disk drives installed.

RAID 0 - helps to merge two hard disk drives together in striped way. It simulates a big hard disk drive and the available space of the virtual big hard disk drive is the sum of the two physical internal SATA hard disk drives. RAID 0 only works when both internal SATA hard disk drives are healthy. If any one of the two internal SATA hard disk drives fails in RAID 0 mode, you will lose whole data and it is unrecoverable.

RAID 1 - maintains two copies of your data in the two internal SATA hard disk drives. Each disk drive keeps one copy. So RAID 1 still works correctly if just only one of the two internal SATA hard disk drives fails. Because RAID 1 keeps two copies of whole data, the disk space utilization is only 1/2. RAID 1 simulates a stable hard disk drive and the available space of the virtual stable hard disk drive is the size of the smaller physical internal SATA hard disk drive if the sizes of the two internal SATA hard disk drives are different (The additional space of the larger hard disk drive is useless).

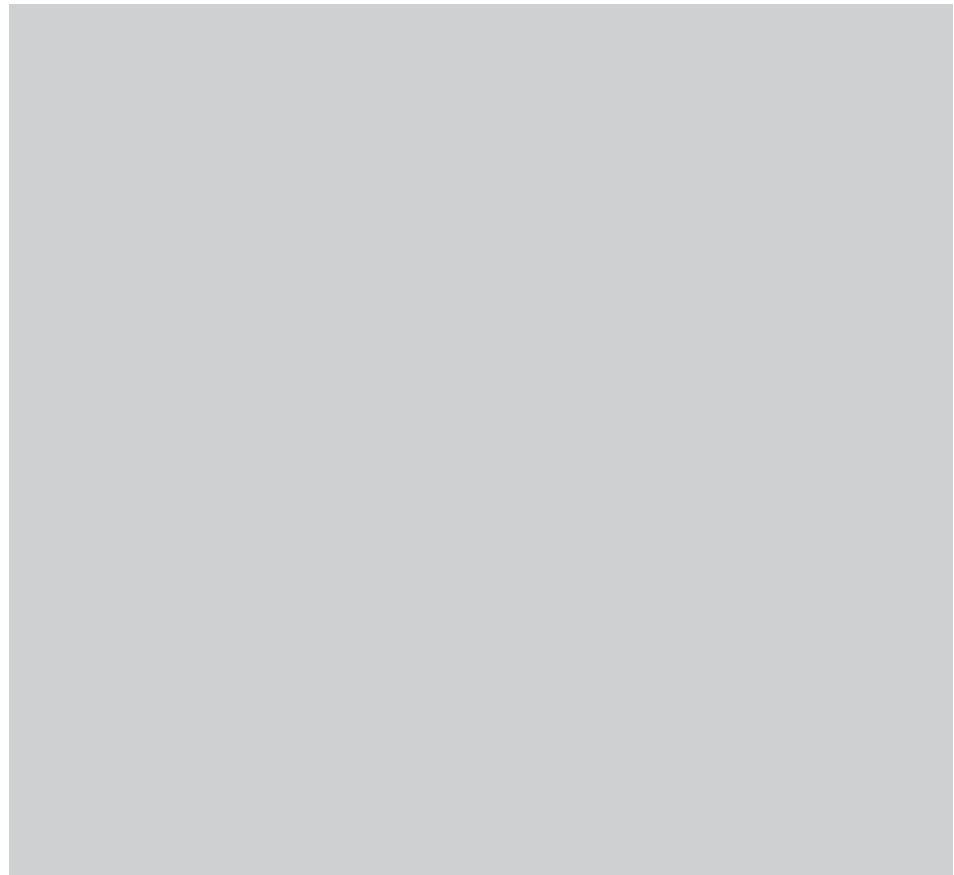
JBOD - helps to you merge two hard disk drives together in linear way. It simulates a big hard disk drive and the available space of the virtual big hard disk drive is the sum of the two physical internal SATA hard disk drives. JBOD only works when both internal SATA hard disk drives are healthy. If any one of the two internal SATA hard disk drives fails in JBOD mode, you will lose whole data and it is unrecoverable.

Note: When you use the Storage Tools to partition or format the hard disk drive (no matter internal SATA hard disk drive or external USB hard disk drive), the system will stop all service first. So please make sure that you have finished all file transfer before using Storage Tools.

Note: Storage Tools only can be used to manage internal SATA hard disk drives and USB mass storage devices attached to USB2 port. You cannot use Storage Tools to partition/format USB mass storage devices attached to USB1 port. If you want to partition/format a USB mass storage device, please attached it to USB2 port or move the USB mass storage device to a PC and use the PC to do partition/format.

Note: For the internal SATA hard disk drives, the Koobrick Boxi only allows you to do "Auto Partition & Format". Only the external USB hard disk drive attached to USB2 port can be manually partitioned and formatted.

Note: If you want to build RAID for the Koobrick Boxi, it is strongly suggested that the two internal SATA hard disk drives are the same brand and model.



Parameter	Description
Check & Fix Disk	Click "Check & Fix Disk" to let the Koobrick Boxi check and fix the format of the file system of the storage devices. Please refer to the section "Check & Fix Disk" for details.
S.M.A.R.T.	Click "S.M.A.R.T." to let the Koobrick Boxi check the healthiness of hard disk drives supporting S.M.A.R.T. function. Please refer to the section "S.M.A.R.T." for details.
RAID	If you have two internal SATA hard disk drives installed in this Koobrick Boxi, you can select "Enable" to enable the RAID function. You also can select "Disable" to disable the RAID function and let the two internal SATA hard disk drives work independently. If you only have one internal SATA hard disk drives installed in this Koobrick Boxi, you cannot enable the RAID function.
RAID Mode	You can select to let the Koobrick Boxi build RAID 0 or RAID 1 on the two internal SATA hard disk drives.
Auto Partition & Format	By clicking this button, the system will partition and format the attached storage device automatically. Please refer to the detail descriptions below.

<p>Fix RAID</p>	<p>The “Fix RAID” button only appears when the Koobrick Boxi finds that RAID is not working well due to some problem. If any one of the internal SATA hard disk drive fails, the LED of the failed hard disk drive will blink. After you clicking the “Fix RAID” button, you should shut down and power off the Koobrick Boxi, and then replace any failed hard disk drive with a good one. When you power on the Koobrick Boxi again, the Koobrick Boxi will try its best to fix the RAID.</p> <p>Note: It is possible to fix the RAID and keep all data correctly if you use RAID 1 and just only one of the two internal SATA hard disk drives fails and you have replaced the failed hard disk drive with a good one and the space of the new hard disk is not smaller than the failed one.</p> <p>Note: If you replace the failed hard disk drive with a smaller hard disk drive when you try to fix a RAID in RAID 1 mode, part of the data previously stored in the RAID may be lost.</p> <p>Note: It is IMPOSSIBLE to fix the RAID and keep all data correctly if you use RAID 0 and the RAID’s failure is due to one of the two internal SATA hard disk drives fails. The Koobrick Boxi just clears all old data and rebuilds a new RAID when you click “Fix RAID” button in RAID 0 mode.</p> <p>Note: In RAID 1 mode, if you do not follow the normal shut down procedure and just directly power off the Koobrick Boxi, sometimes, it may make the RAID in an inconsistent state and the Koobrick Boxi will ask you to fix RAID. In this situation, you can click “Fix RAID” button, shut down Koobrick Boxi and then start Koobrick Boxi again. The RAID will work well again. If the Koobrick Boxi is still asking you to fix RAID, it may due the some internal SATA hard disk drive failure. You have to follow the fix RAID procedure described above to replace the failed hard disk drive.</p>
<p>Tool</p>	<p>You can format the attached storage device by this tool. The Storage Tools supports FAT16, FAT32, EXT2 and EXT3 format. The format may take several minutes to finish, depends on the size of the partition.</p> <p>Note: The data originally stored in the partition will be erased after the format even you stop it before the job is finished.</p>
<p>Add a Partition</p>	<p>By clicking “Add” button, you can launch the “Add a Partition page” to add a new partition in the attached storage device.</p>
<p>Remove Selected Partitions</p>	<p>You can click “Remove Selected Partitions” button to remove the selected partitions in the attached storage device.</p> <p>Note: The data originally stored in the partitions will be erased after they are removed.</p>

Remove All Partitions	You can click "Remove All Partitions" to remove all the partitions in the attached storage device. Note: The data originally stored in the partitions will be erased after they are removed.
Reset	You can click "Reset" to reset selection in partition list.
Turn Off Hard Disks	If you select "Never" then Hard Disk Power Management function is disabled. If you select an idle time, then Hard Disk Power Management function is enabled and the Koobrick Boxi will turn off hard disk drive to save power after the hard disk idle timeout. When your hard disk drive is sleeping, any operation which requires reading or writing hard disk drive will make the Koobrick Boxi wake up the hard disk drive in a few seconds and the hard disk drive can work normally as usual.

Note: If you disabled the RAID previously and now want to enable it again. The old data can be kept correctly after you re-enable the RAID only when all the following conditions hold. Otherwise, you can only choose to create a new RAID and erase old data stored in the two internal SATA hard disk drives:

- * The RAID mode before you disabled the RAID and the RAID mode that you want to enable now should be the same.
- * The two current internal SATA hard disk drives are the same as the two internal SATA hard disk drives used before you disabled the RAID.
- * You never change any data of both internal SATA hard disk drives after you disabled the RAID and before you enable the RAID.

Check & Fix Disk

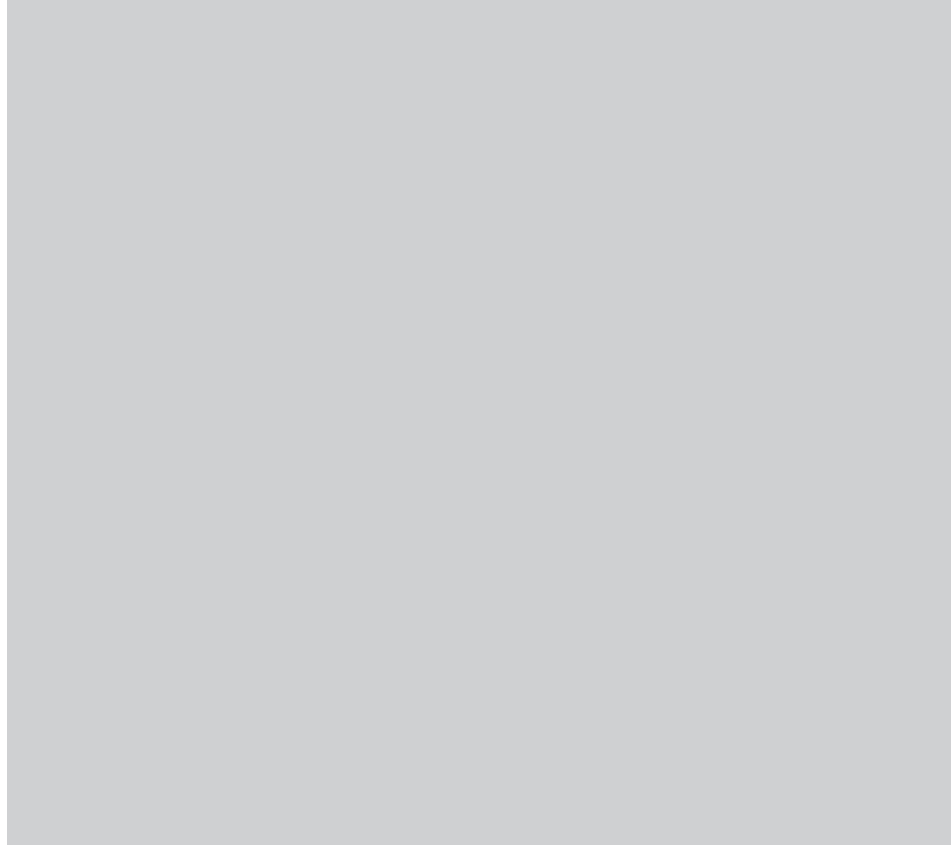
Check & Fix Disk can check and fix the file system error of the hard disk drive. Before start up, a warning window will pop-up to inform you that this action may damage your data. Click "OK" to continue.

Note: When the Koobrick Boxi is doing Check & Fix Disk for your hard disk drive, the hard disk drive is occupied. All the services of the Koobrick Boxi will be stopped.

Note: Check & Fix Disk only supports internal SATA hard disk drives.



You can select the partition and schedule a check and fix job here.

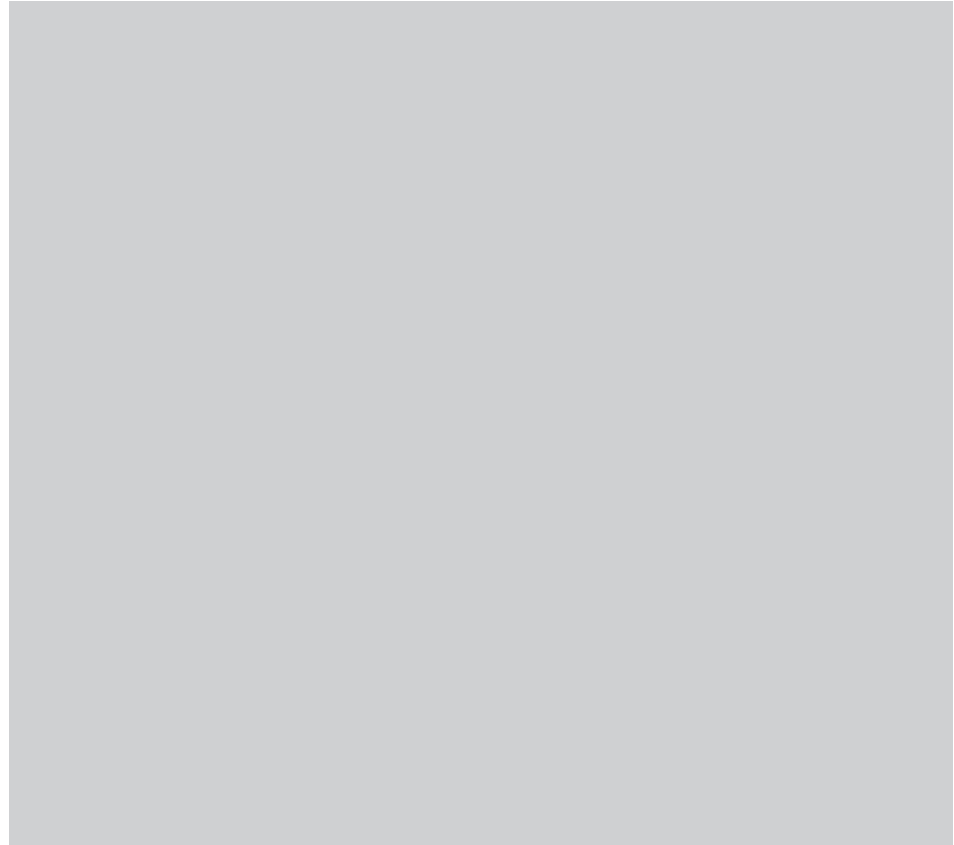


Parameter	Description
Select Partitions	Select all partitions you want to check.
Run Time	You can select "Now" to let the check start immediately. You also can select "Later" and assign a schedule time below.
Action	If you select "Check errors", the Koobrick Boxi only checks for file system errors. The Koobrick Boxi will not fix the error and the data will not be modified. So it is a save operation. If you select "Check errors and fix them", the Koobrick Boxi will try to fix errors found in the file system. If there are too many errors in the file system and the Koobrick Boxi fails to fix all of them, some of your data may be lost.
Added Task	It shows the added check and fix task.
Delete the task	Click "Delete the task" to delete the check and fix task.
Apply	Click "Apply" to submit the check and fix task.
Report	Click "Report" to read the reports of check and fix tasks.

S.M.A.R.T.

S.M.A.R.T. (self-monitoring, analysis, and reporting technology) can monitor the healthiness of your hard disk drive. It will try to predict the failure of your hard disk drive. If the healthiness of the hard disk drive is BAD, it does not mean your hard disk is not working well. But there is high possibility that your hard disk drive will fail soon, so you'd better backup all data on the hard disk drive and change a healthy hard disk drive as soon as possible.

Note: To use S.M.A.R.T., your hard disk drive has to support S.M.A.R.T.



Parameter	Description
Advanced Setting	Click "Advanced Setting" to do the S.M.A.R.T. advanced setting. Please refer to the section "S.M.A.R.T. Advanced Setting".
S.M.A.R.T. Self-Test	Click "S.M.A.R.T. Self-Test" to start a hard disk drive self test. Please refer to the section "S.M.A.R.T. Self-Test". Note: Doing S.M.A.R.T. Self-Test will take several minutes and will make all services of the Koobrick Boxi stop.
Current Disk	Select the hard disk drive to check the status.

S.M.A.R.T. Advanced Setting

S.M.A.R.T. advanced setting let you assign notification methods when the healthiness of hard disk drive is BAD.



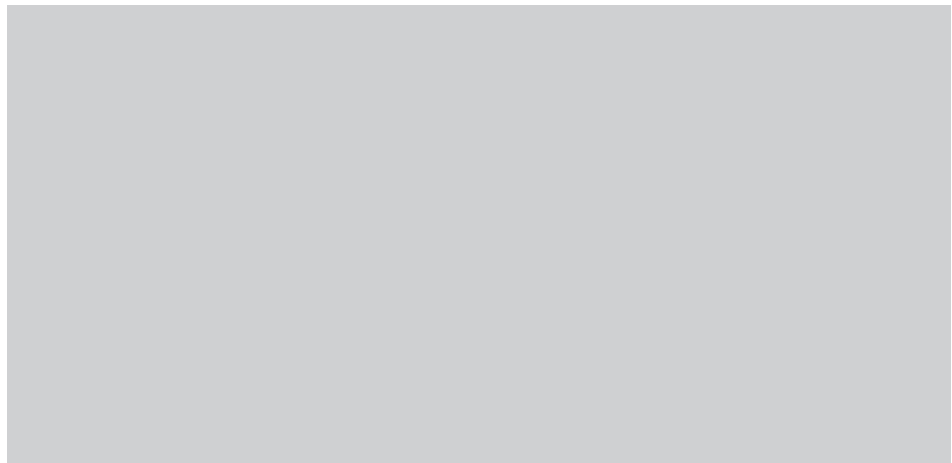
Parameter	Description
E-mail Notification	If you select "Send email once if disk problem is existed", then the Koobrick Boxi will send a notification e-mail to you in the first time it detects the problem of the hard disk drive. If you select "Send email once per day if disk problem is existed", then the Koobrick Boxi will send a notification e-mail to you every day when it detects the problem of the hard disk drive until the problem disappears.
Buzzer Notification	If you enable "Buzzer Notification", the Koobrick Boxi will beep to notify you when it detects the problem of the hard disk drive.

Click **<Apply>** to apply the settings.

S.M.A.R.T. Self-Test

S.M.A.R.T. Self-Test will let the hard disk drive do self test for errors. It will take several minutes depends on the status of the hard disk drive.

Note: Doing S.M.A.R.T. Self-Test will make all services of the Koobrick Boxi stop.



Parameter	Description
Current Disk	Select the hard disk drive that you want to test.
Run Short Self-Test	Start a basic self test on the hard disk drive.
Run Extended Self-Test	Start an extended self test on the hard disk drive. It will take long time.

Auto Partition & Format

This function will build partition and format the attached storage device according to the following rules.

Warning: The data originally stored in the attached storage device will completely disappear after you doing "Auto Partition & Format" even if you stop it before the job is finished.

The rules of internal HDD and external USB storage device are different :

Internal SATA hard disk drive (includes RAID mode):

1. It creates a single partition with the size of the whole SATA disk drive or the whole RAID virtual hard disk drive.
2. It formats the created partition by EXT2 format.

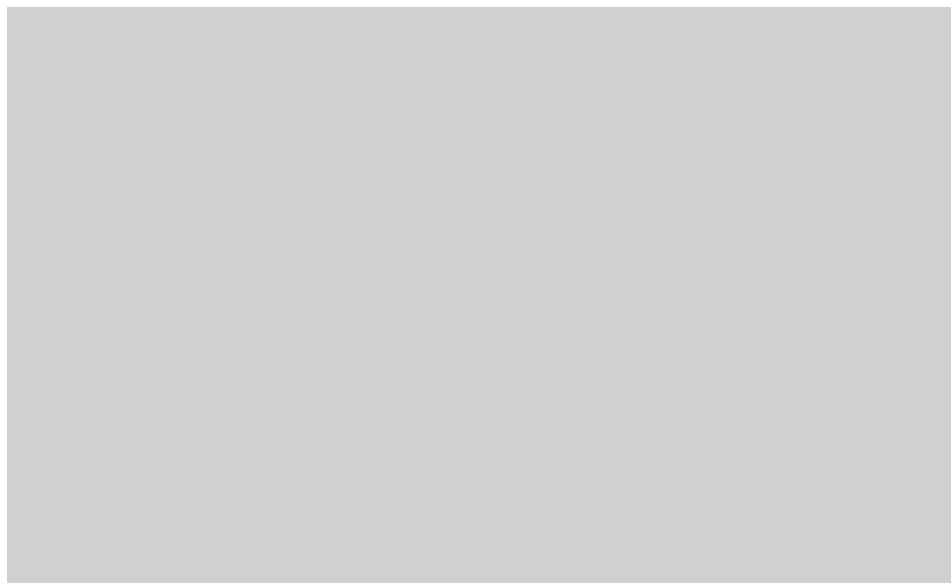
External USB mass storage device:

1. If the size of the USB mass storage device is larger than 160GB, it divides the USB mass storage device into several 160GB partitions. The size of the last partition may be less than 160GB. Otherwise, it creates a single partition with the size of the whole USB mass storage device.
2. If formats all the created partitions by FAT32 format.

Note: During the process, user can click the "Stop" button to stop the job before it is finished and back to Storage tools page to add or remove partition manually.

Add a Partition

You can create a new partition in the attached storage device and format it.

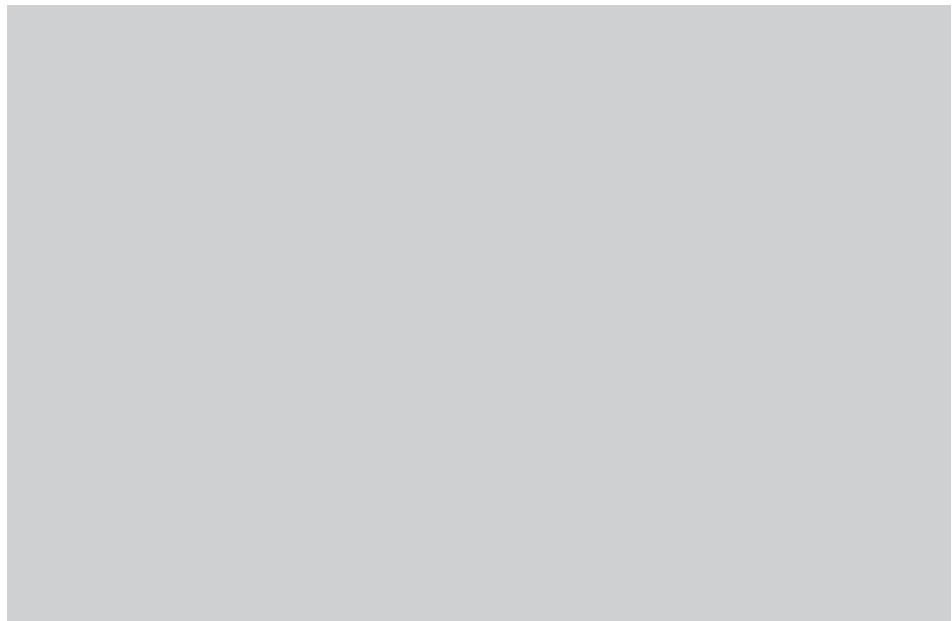


Parameter	Description
Size of the Space	The total free space that can be assigned to this new partition.
New Partition Size	You can assign the size of the new partition.
File System	The Storage Tools will format the new partition. You can select FAT16, FAT32, EXT2 or EXT3 format. The format may take several minutes to finish, depends on the size of the partition.

Note: The partition size of FAT16 file system should be less than 2GB; for FAT32 the partition size should be less than 160GB; EXT2 and EXT3 have no such limitation.

8.2 Storage Status

This Page shows the status of all attached storage devices.



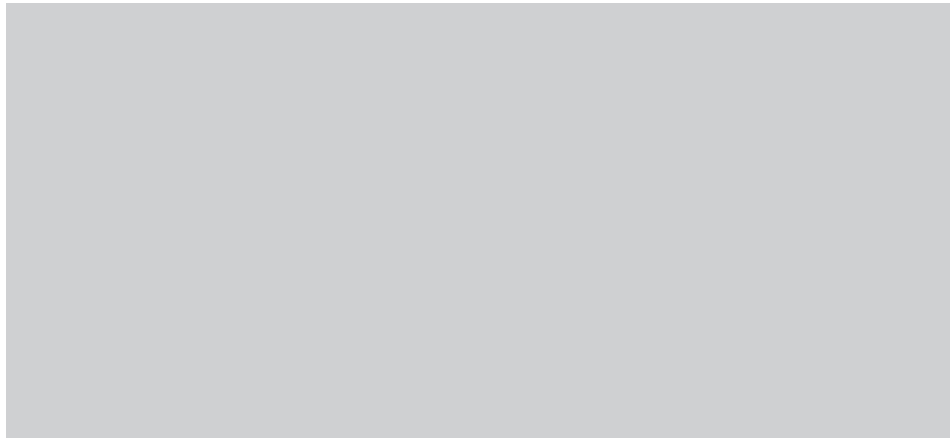
Parameter	Description
Unplug	You can click this button to unplug the external USB mass storage device. If the LED of the USB port is off, you can safely detach the USB mass storage from this Koobrick Boxi.
Partition	The partition name of the attached storage device.
Size	Total space of this partition.
Used	Total used space of this partition. Here shows the size in byte and the percentage of the total space.

Free	The remaining free space of the partition.
Used Status	The type of the partition. It can be FAT16, FAT32, NTFS or Linux.
Refresh	You can click this button to refresh the Storage Status.

8.3 USB Copy

USB Copy tool allows you to copy the content of one external USB mass storage device to another attached storage device. When you press the Copy button on the front panel of this Koobrick Boxi, the copy job will be triggered.

Note: Before you trigger the USB Copy function by pressing the Copy button on the front panel of this Koobrick Boxi, make sure that the destination folder has enough free space to store all data of the source USB mass storage device.



Parameter	Description
Source Path	Select USB port that the source USB mass storage device of the USB Copy job will be plugged in.
Saved Path	Select a shared folder as the destination of the USB Copy. The USB Copy tool will create a folder named "USBCopy" under the shared folder you selected. Each time when you press the Copy button on the front panel of the Koobrick Boxi to trigger the USB Copy job, a new folder named with the trigger time will be created under the "USBCopy" folder and the newly created folder will be the destination folder of the USB Copy job.

Click **<Save>** button to save the configurations.

8.4 Configuration Tools

The Configuration Tools allow you to save (backup) the Koobrick Boxi's current settings. Saving the configuration provides an added protection and convenience when there're some problems with the Koobrick Boxi, and you have to reset to factory default to solve the problem.

You can upload the saved configuration to the Koobrick Boxi through the **Restore Settings** tool. If extreme problems occur you can use the **Restore to Factory Default** tool, this will set all configurations to its original default settings (e.g. when you purchased the Koobrick Boxi)



Parameter	Description
Configuration Tools	Use the "Backup Settings" tool to save the Koobrick Boxi's current configuration to a file named "config.bin" on your PC. You can then use the "Restore Settings" tool to restore the saved configuration to the Koobrick Boxi. Alternatively, you can use the "Restore to Factory Defaults" tool to force the Koobrick Boxi to perform a power reset and restore to original factory settings.

8.5 firmware Upgrade

This tool allows you to upgrade the Koobrick Boxi's system firmware. To upgrade the firmware of your Koobrick Boxi, you need to download the firmware(www.jensenscandinavia.com) file to your local hard disk, and enter that file name and path in the appropriate field on this page. You can also click the browse button to locate the firmware file on your PC.

When upgrading firmware, do NOT:

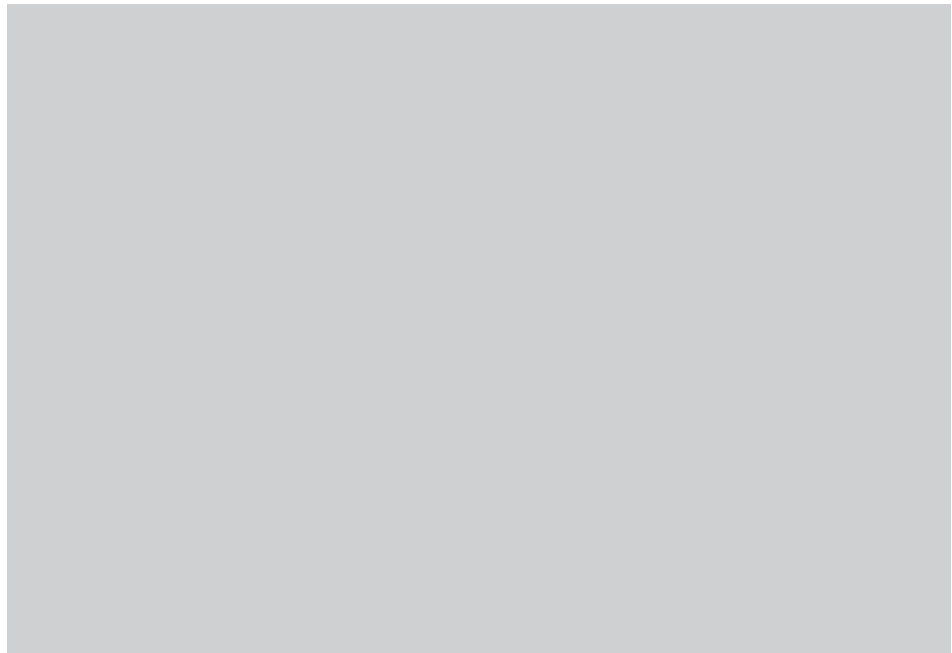
- * Disconnect computer from network
- * Disconnect power on Koobrick Boxi
- * Restart computer
- * Disconnect Koobrick Boxi from network

If any of this is done during upgrade, the Koobrick Boxi might be damaged.

Click "Next" to go to the upload firmware file page.



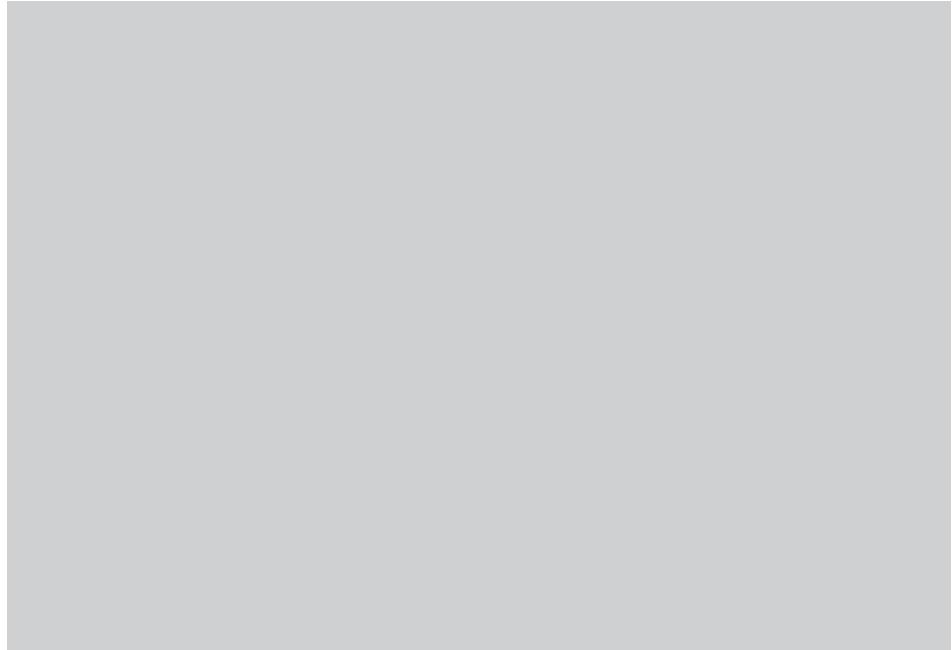
After you selected the new firmware file, click "Apply" at the bottom of the screen to start the upgrade process. (You may have to wait few minutes for the upgrade to complete). Once the upgrade is complete you can start using the Koobrick Boxi.



Warning : When upgrading firmware, be sure not to switch the computer off, or restart your computer, or break the network connection of your computer.

8.6 Reset

You can reset the Koobrick Boxi's system when there's something wrong with the Koobrick Boxi. The reset function will reboot your Koobrick Boxi.



Parameter	Description
Reset	In the event that the system stops responding or stops functioning, you can perform a reset. Your settings will not be changed. To perform the reset, click on the "APPLY" button. You will be asked to confirm your decision. The reset will be complete when the power LED stops blinking. Once the reset process is complete you may start using the Koobrick Boxi.