# Synology

# Synology RackStation RS411

**Quick Installation Guide** 

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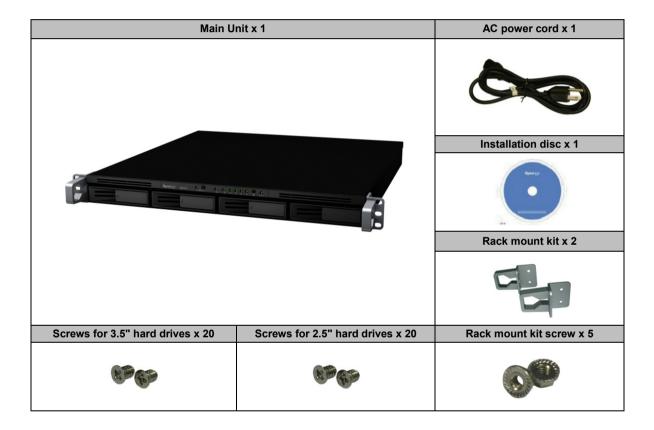
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## **Before You Start**

Before you start setting up RackStation, please check the package contents to verify that you have received the items below. Please also read the safety instructions carefully before use to prevent your RackStation from any damages.

## **Package Contents**



# **Safety Instructions**

	Keep away from direct sunlight and away from chemicals. Make sure the environment does not experience abrupt changes in temperature or humidity.
(Rojoura	Keep Synology product upright. Do not lay it down horizontally.
	Do not place the Synology product close to any liquid.
	Before cleaning, unplug the power cord first. Wipe Synology product with damp paper towels. Do not use chemical or aerosol cleaners to clean it.
	Do not place the Synology product on a cart, table, or desk, which is not stable to avoid the product from falling over.
	The power cord must plug in to the right supply voltage. Make sure that the supplied AC voltage is correct and stable.

# **Hardware Setup**

## **Tools and Parts for Hard Disk Installation**

- A screwdriver
- At least one 3.5" or 2.5" SATA hard disk (Please visit www.synology.com for compatible hard disk models.)

*Warning:* If you install a hard disk that contains data, system will format the hard disk and erase all data. If you need the data in the future, please back it up before installation.

## **Install Hard Disks**

1 Pull the clip in the direction as indicated below to remove the hard disk tray.



- 2 Load the hard disk in the hard drive tray.
  - For 3.5" Hard Disk: Place the hard disk in the hard drive tray, turn the tray upside down, and then tighten the screws to secure the hard disk.



• For 2.5" Hard Disk: Place the hard disk in the blue area (shown below) of the hard drive tray, turn the tray upside down, and then tighten the screws to secure the hard disk.



3 Insert the loaded hard drive tray into the empty hard disk bay.



*Important:* Make sure the tray is pushed in all the way. Otherwise, the hard disk might not be able to function properly.

- 4 Push the clip to fix the hard disk tray.
- **5** Repeat the steps above to assemble all hard disks you have prepared. Fix the two rack mount kits on both sides with their screws provided.



**Note:** If you want to set up a RAID set, it is recommended that all installed hard disks are of the same size to make the best use of hard disk capacity.

## **Start Up Your RackStation**

- 1 Connect one end of the power cord to the Power port of RackStation, and the other to the power outlet.
- 2 Use the LAN cable to connect RackStation to your switch/router/hub.



3 Push the Power button to turn on your RackStation.



Your RackStation is now online and detectable from a network computer.

## **Install DSM**

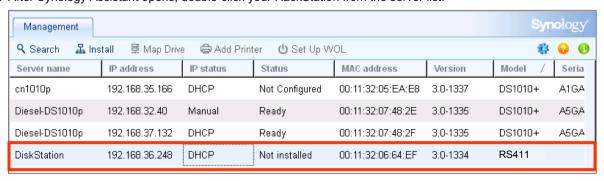
On a network computer, follow the steps in this chapter to install DiskStation Manager (DSM) for your RackStation. After DSM is installed, you can manage all features of your RackStation by logging into the DiskStation Manager with a web browser.

## **Install from Windows**

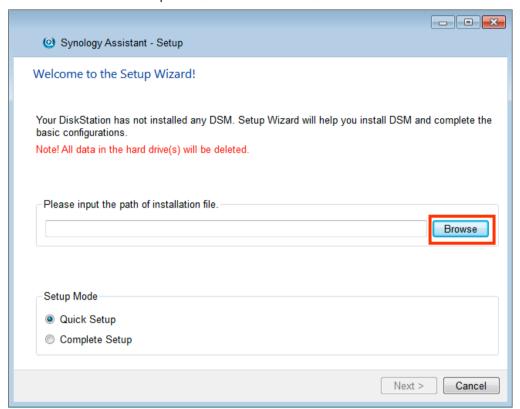
1 Insert the installation disc into your computer, and then choose **Start** from the autorun menu. Follow the onscreen instructions to complete the setup process.



2 After Synology Assistant opens, double-click your RackStation from the server list.



3 Click Browse to select the ".pat" installation file in the installation disc.



1 Follow the onscreen instructions to complete the setup process.

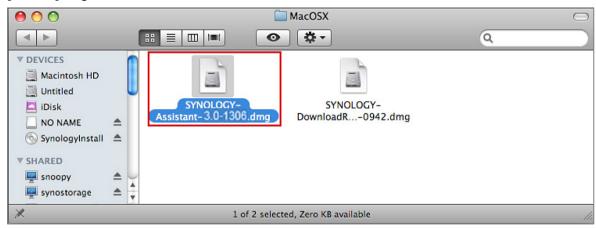
Note: If you choose One-Click Setup, the default admin password for your DiskStation Manager will be blank.

### Install from Mac OS X

1 Insert the installation disc into your computer, and then double-click the **SynologyInstall** icon on the desktop.



2 In the window that appears, double-click the MacOSX folder, and then double-click Synology Assistant-3.0-[number].dmg.



3 Double-click the **Synology Assistant.app** in the window that appears.



Synology Assistant.app

4 Follow step 2 to 4 of the "Install from Windows" section to finish setup.

### **Install from Linux**

The Linux version is optimized for **Ubuntu** distribution version 8 and 9. You can still try installation on other Linux distributions (for evaluation purpose only).

### **Install and Run Synology Assistant**

You can install and run Synology Assistant using the command lines or the GUI.

### If you want to install using the command lines:

Run the script **install.sh** in the **Linux** folder of the installation disc, which will guide you through the steps below.

1 Remove the beta version of Synology Assistant (if any).

```
sudo rm -rf /usr/local/Synology /usr/local/bin/SynologyAssistant
```

2 Extract SynologyAssistant-3.0-[number].tar.gz to the directory you want, such as "/usr/local" or "."

```
tar -C ./ -zxvf SynologyAssistant-3.0-[number].tar.gz
```

3 If you are using 64bit Ubuntu, install the 32bit libraries.

```
sudo apt-get install ia32-libs
```

4 Create the shortcut to /usr/local/bin.

```
sudo ln -sf /path/install/SynologyAssistant/SynologyAssistant \
/usr/local/bin/SynologyAssistant
```

**5** To run Synology Assistant, you can either use the following command:

/path/install/SynologyAssistant/SynologyAssistant

Or run the shortcut:

/usr/local/bin/SynologyAssistant

If /usr/local/bin exists in your environment variable \$PATH, just type:

SynologyAssistant

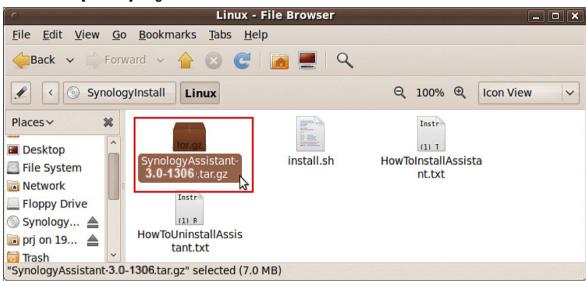
#### If you want to install using the GUI:

- 1 Go to /usr/local and /usr/local/bin and delete the following folders (if any): Synology, SynologyAssistant
- 2 Insert the installation disc into your computer, and then double-click the SynologyInstall icon on the desktop.

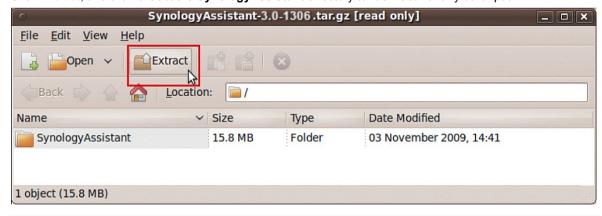


SynologyInstall

3 In the File Browser window that appears, double-click the Linux folder, and then double-click Synology Assistant-3.0-[number].tar.gz.



4 Click Extract, and then extract the SynologyAssistant directory to /usr/local or any other path.



*Important:* If you are using 64bit Ubuntu, you have to install the 32bit libraries before proceeding. To install, type the following command in Terminal:

sudo apt-get install ia32-libs

5 Go to /usr/local/SynologyAssistant (or [the path you just specified]/SynologyAssistant), double-click SynologyAssistant, and then select Run in Terminal in the dialog box that appears.



#### **Install DSM**

When you have activated Synology Assistant, follow step 2 to 4 of the "Install from Windows" section to finish setup.

### **Learn More**

Congratulations! Your RackStation is set up now. Refer to the User's Guide in the installation disc for advanced settings and management. For more information or online resources about your RackStation, please visit <a href="https://www.synology.com">www.synology.com</a>.

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- **4.2 Assignment.** Customer will not assign any of its rights under this Warranty directly, by operation of law or otherwise, without the prior written consent of Synology.
- **4.3 No Additional Terms.** Except as expressly permitted by this Warranty, neither party will be bound by, and each party specifically objects to, any term, condition or other provision that conflicts with the provisions of this Warranty that is made by the other party in any purchase order, receipt, acceptance, confirmation, correspondence or otherwise, unless each party specifically agrees to such provision in writing. Further, if this Warranty conflicts with any terms or conditions of any other agreement entered into by the parties with respect to the Product, this Warranty will prevail unless the other agreement specifically references the sections of this Warranty that it supersedes.
- **4.4 Applicable Law.** Unless expressly prohibited by local law, this Warranty is governed by the laws of the State of Washington, U.S.A. without regard to any conflict of law principles to the contrary. The 1980 U.N. Convention on Contracts for the International Sale of Goods or any successor thereto does not apply.
- Dispute Resolution. Any dispute, controversy or claim arising out of or relating to this Warranty, the Product or services provided by Synology with respect to the Product or the relationship between Customers residing within the United States and Synology will be resolved exclusively and finally by arbitration under the current commercial rules of the American Arbitration Association, except as otherwise provided below. The arbitration will be conducted before a single arbitrator, and will be limited solely to the dispute between Customer and Synology. The arbitration, or any portion of it, will not be consolidated with any other arbitration and will not be conducted on a class-wide or class action basis. The arbitration shall be held in King County, Washington, U.S.A. by submission of documents, by telephone, online or in person as determined by the arbitrator at the request of the parties. The prevailing party in any arbitration or legal action occurring within the United States or otherwise shall receive all costs and reasonable attorneys' fees, including any arbitration fee paid by the prevailing party. Any decision rendered in such arbitration proceedings will be final and binding on the parties, and judgment may be entered thereon in any court of competent

jurisdiction. Customer understands that, in the absence of this provision, Customer would have had a right to litigate any such dispute, controversy or claim in a court, including the right to litigate claims on a class-wide or class-action basis, and Customer expressly and knowingly waives those rights and agrees to resolve any disputes through binding arbitration in accordance with the provisions of this Section 4.5. For Customers not residing within the United States, any dispute, controversy or claim described in this section shall be finally resolved by arbitration conducted by three neutral arbitrators in accordance with the procedures of the R.O.C. Arbitration Law and related enforcement rules. The arbitration shall take place in Taipei, Taiwan, R.O.C., and the arbitration proceedings shall be conducted in English or, if both parties so agree, in Mandarin Chinese. The arbitration award shall be final and binding on the parties and may be enforced in any court having jurisdiction. Nothing in this Section shall be deemed to prohibit or restrict Synology from seeking injunctive relief or seeking such other rights and remedies as it may have at law or equity for any actual or threatened breach of any provision of this Warranty relating to Synology's intellectual property rights.

- **4.6 Attorneys' Fees.** In any arbitration, mediation, or other legal action or proceeding to enforce rights or remedies under this Warranty, the prevailing party will be entitled to recover, in addition to any other relief to which it may be entitled, costs and reasonable attorneys' fees.
- **4.7 Export Restrictions.** You acknowledge that the Product may be subject to U.S. export restrictions. You will comply with all applicable laws and regulations that apply to the Product, including without limitation the U.S. Export Administration Regulations.
- **4.8** Severability. If any provision of this Warranty is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the remainder of this Warranty will remain in full force and effect.
- **4.9 Entire Agreement.** This Warranty constitutes the entire agreement, and supersedes any and all prior agreements, between Synology and Customer related to the subject matter hereof. No amendment, modification or waiver of any of the provisions of this Warranty will be valid unless set forth in a written instrument signed by the party to be bound thereby.