

# N2310

## Best-in-Class Value

**Online-installation** & Automatic Update Tool

Unbeatable Performance

**Built-in PLEX:** All Your Media, Wherever You Are

Seamless Connectivity with **Free DDNS** & Powerful **T-OnTheGo™** App



*intelligent* NAS



## Seamless Connectivity with **Free DDNS** & Powerful **T-OnTheGo™** App

### Features



#### Manage Files

copy/move/rename/delete/create folder/share to/open with



#### Instant Photo Upload

Upload photos and videos from your camera or photo library



#### Video Streaming

Play videos directly from your Thecus® NAS (even via AirPlay)

### 3 Steps

*Step 1. Install App*

*Step 2. Setup WebDAV*

*Step 3. Access your NAS*



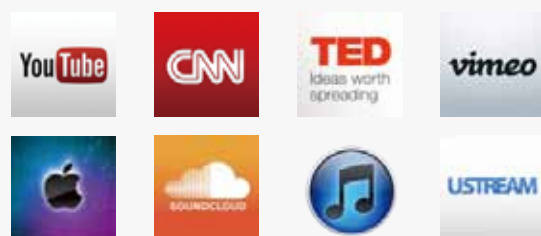


## Built-in PLEX: All Your Media, Wherever You Are

### Features

#### Effortlessly connect

to all of your favorite local and online content



All presented seamlessly on  
your **handheld devices**



Extend the functionality of connected TVs and get  
the most out of **DLNA** compatible devices like  
the PS4 and Xbox 360

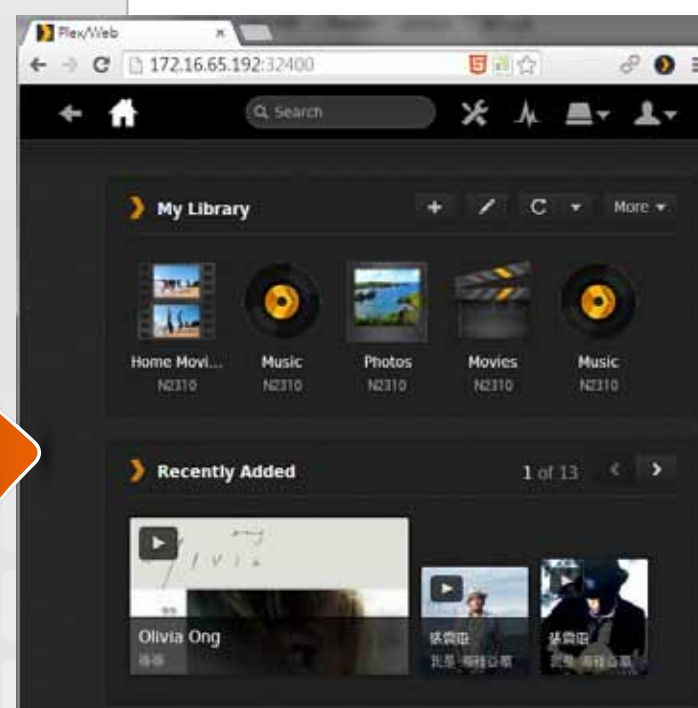


### 3 Steps

**Step1.** Install Application

**Step2.** Enter UI Address

**Step3.** Add section to library, and DMP will find it.





## Transmission-kit: Easy-to-Use BitTorrent Client

### Features

Bandwidth RPC  
Scheduling Peers  
Blocklists Peer Port  
Queuing Files and Locations

#### Lightweight but Powerful

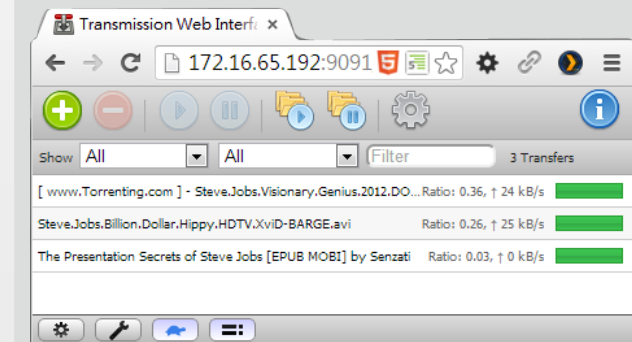
Provides a whole host of clever features and flexible settings, especially when it comes to managing your bandwidth.

#### "Remote Transmission"

With this free third-party app for Android, you can easily take control of your NAS Transmission server with your mobile device.

#### Easy-to-use

All live download stats are viewable directly in the dock.

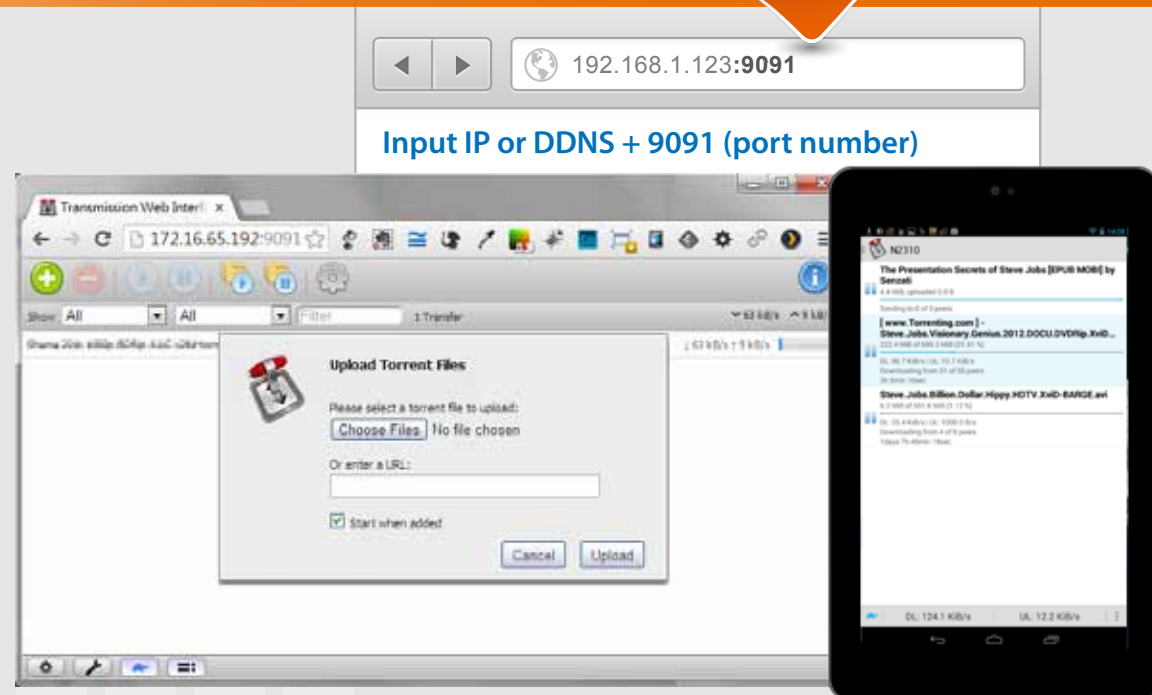
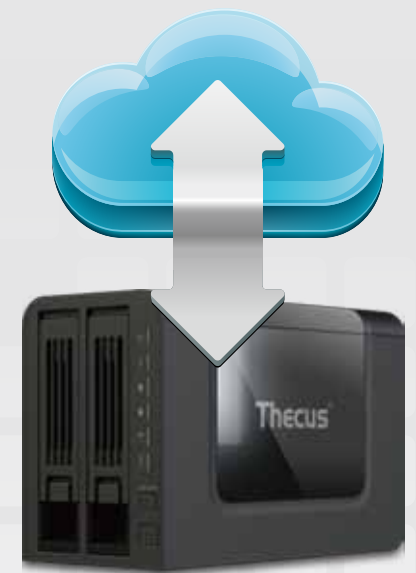


### 3 Steps

**Step1.** Find torrent files on the internet **Step2.** Enter NAS IP:9091 **Step3.** Upload torrent files



bitsnoop.com  
torrentcrazy.com





**24/7/365**

Performance, Energy Efficiency & Your Budget

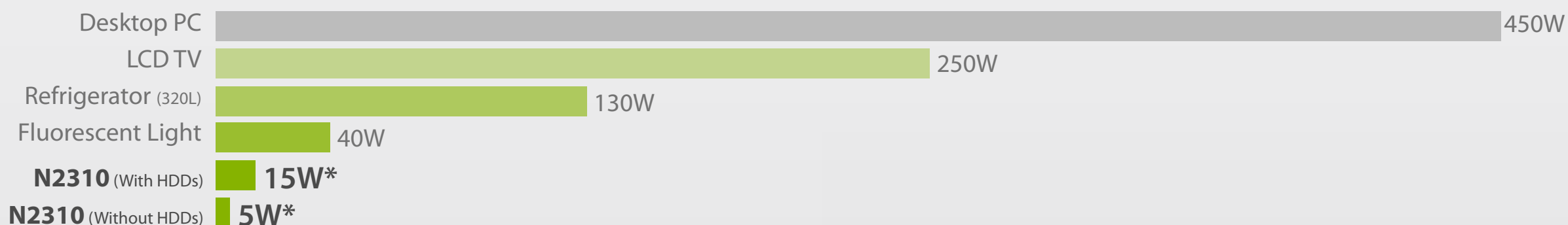
## N2310 (2xHDD RAID 0) Samba Performance



### Client-side System Configuration

CPU: Intel Core i5  
Memory: 4GB DDR2  
OS Platform: Windows 7

## Electrical Appliance Power Comparison



## An N2310's Electricity Fee per Year

|                 | Cost/kWh*** | Without HDDs | With HDDs    |
|-----------------|-------------|--------------|--------------|
| Australia       | 0.23 AUD    | 9.98 AUD     | 29.93 AUD    |
| Germany         | 0.25 EUR    | 10.86 EUR    | 32.57 EUR    |
| The Netherlands | 0.21 EUR    | 9.19 EUR     | 27.56 EUR    |
| England         | 0.12 GBP    | 5.41 GBP     | 16.23 GBP    |
| Japan           | 19.51 JPY   | 854.45 JPY   | 2,563.36 JPY |
| Mainland China  | 0.46 CNY    | 20.10 CNY    | 60.31 CNY    |
| U.S.A           | 0.08 USD    | 3.50 USD     | 10.51 USD    |
| Taiwan          | 3.00 TWD    | 131.40 TWD   | 394.20 TWD   |

**Without HDDs:**  $5W \times 24\text{hours}/1000 = 0.12 \text{ Units}^{**}$   
**With HDDs:**  $15W \times 24\text{hours}/1000 = 0.36 \text{ Units}^{**}$

\* Results may vary depending on number and type of drives used.

\*\* Units of electricity consumption = (Watts x Hours)/1000

\*\*\* Source: [http://en.wikipedia.org/wiki/Electricity\\_pricing#Global\\_electricity\\_price\\_comparison](http://en.wikipedia.org/wiki/Electricity_pricing#Global_electricity_price_comparison)  
Prices accurate as of October 2013.





# N2310 Specifications

## Hardware Platform

### Processor

- AMCC APM 86491 800Mhz

### System Memory

- 512MB DDR3

### LAN Interface (PCI-e)

- RJ-45x1: 10/100/1000 BASE-TX Auto MDI/MDI-X

### USB Interface

- USB 2.0 host port x1 (back x1)
- USB 3.0 host port x1 (back x1)

### Disk Interface

- 2 x SATA for internal

### Power Supply

- 40W external power adaptor

### Buttons

- Power button
- USB copy button
- Reset button

### Environment

- Temperature: 5°C to 40°C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

### Chassis

- 2-bay Tower

### Dimensions (HxWxD)

- 135 x 97 x 207 (mm)

### Weight

- 0.79 kg

### Certificates

- CE/FCC/C-Tick/VCCI/BSMI
- RoHS
- WEEE

## Software Functions

### RAID

- RAID Modes: RAID 0, 1 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported

### Disk

- Bad Block Scanning: Supported
- SMART Info: Supported
- SMART Test: Supported
- Disk Roaming: Supports volume-based roaming to other N2310

### Network

- Configuration: Fixed IP address, dynamic IP address
- Transport Protocols: TCP/IP, AppleTalk
- File Protocols: SMB/CIFS, HTTP/HTTPS, FTP, AFP
- TCP/IP: IPV6 & IPV4

### System Status

- Syslog Management:
  1. Send syslog to assigned location
  2. Act as syslog server to receive log info from other systems

### Data Access

- Client OS Support :
  - Windows XP and above
  - Windows Server 2003 and above
  - Mac OS X
  - Linux
- FTP: Built-in FTP server with bandwidth control
- Secure FTP: Built-in secure FTP server with bandwidth control
- Download Manager: BT Transmission
- Printer Server (IPP):
  1. Supports USB printers
  2. Supports a wide range of IPP printers
  3. Client can manage print tasks (list/delete) via web user interface

### Data Backup

- Client Incremental Data Backup: Thecus Backup Utility
- Data Burn:
  1. Create files to ISO image and burn to optical disc
  2. Create files to ISO image
  3. Read ISO image from optical disc and write to NAS
- Mac OS X Time Machine: Supported
- Data Guard: Remote Backup/Local Backup

### Power Management

- Scheduled Power On/Off: Supported

### Volume Management

- File System: EXT4

### Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Piczza!™ Photo Server (via module):
  1. Supports GIF, JPG (JPEG), BMP, PNG
  2. Supports EXIF display
  3. Supports slide show
- Media Server: Supports uPnP AV streaming protocol

### User Authentication

- Local User: Supports built-in user accounts
- Local Group: Supports built-in user groups

### File System

- Type: Journaling File System
- Language Support: Unicode Support
- Authorization (ACL): "Read", "write", or "deny" privileges to individual users or groups in folders and sub-folders
- User Quota: Supported

### Administration

- User Interface: Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Polish, Portuguese, Turkish and Czech

- Utility Program (Intelligent NAS):
  - MS Windows Setup Wizard
  - Supports Windows XP and above
  - Windows Server 2003 and above
  - Mac OS X Setup Wizard
- Email Notifications: Sends system messages via email to the system administrator
- DDNS: Supports one free DDNS registration (e.g. xxx.thecuslink.com)
- UPnP and Port forwarding: Supports auto setting in Intranet environment
- Intelligent NAS: Go through defined URL for auto install (install.thecus.com)

### Mobile Applications (iOS/Android)

- T-Dashboard™: Mobile monitoring and administration
- T-OnTheGo™: Upload, download and stream multimedia

### Others

- Recycling Bin: Supported
- Web Disk: Supported



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Reseller Center: www.thecus.com/reseller\_index.php

\*Design and specifications are subject to change without prior notice.