

4-Bay SATA NAS RAID Server with iSCSI

NAS-7410



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Presentation Outline

- ◆ **Product Overview**
- ◆ **Product Features**
- ◆ **Product Applications**
- ◆ **Product Comparison**



All-around Backup Solutions

Disc Server

SmartSync

Snapshot

External Storage

Network Storage

4-Bay SATA NAS RAID Server with iSCSI

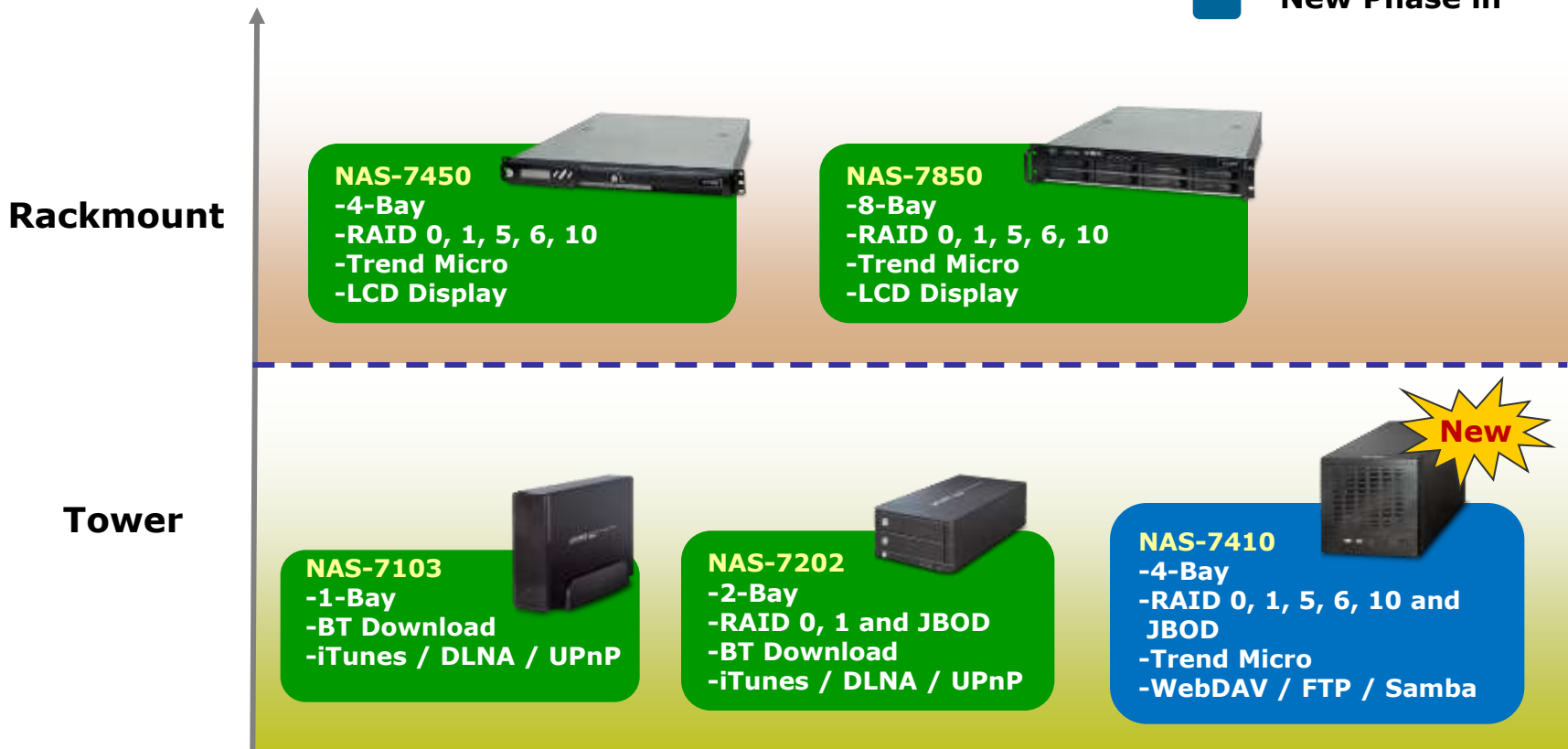
▶ **NAS-7410**

Product Position

- Ongoing
- Planning
- New Phase in

◆ PLANET Network Storage Server Family



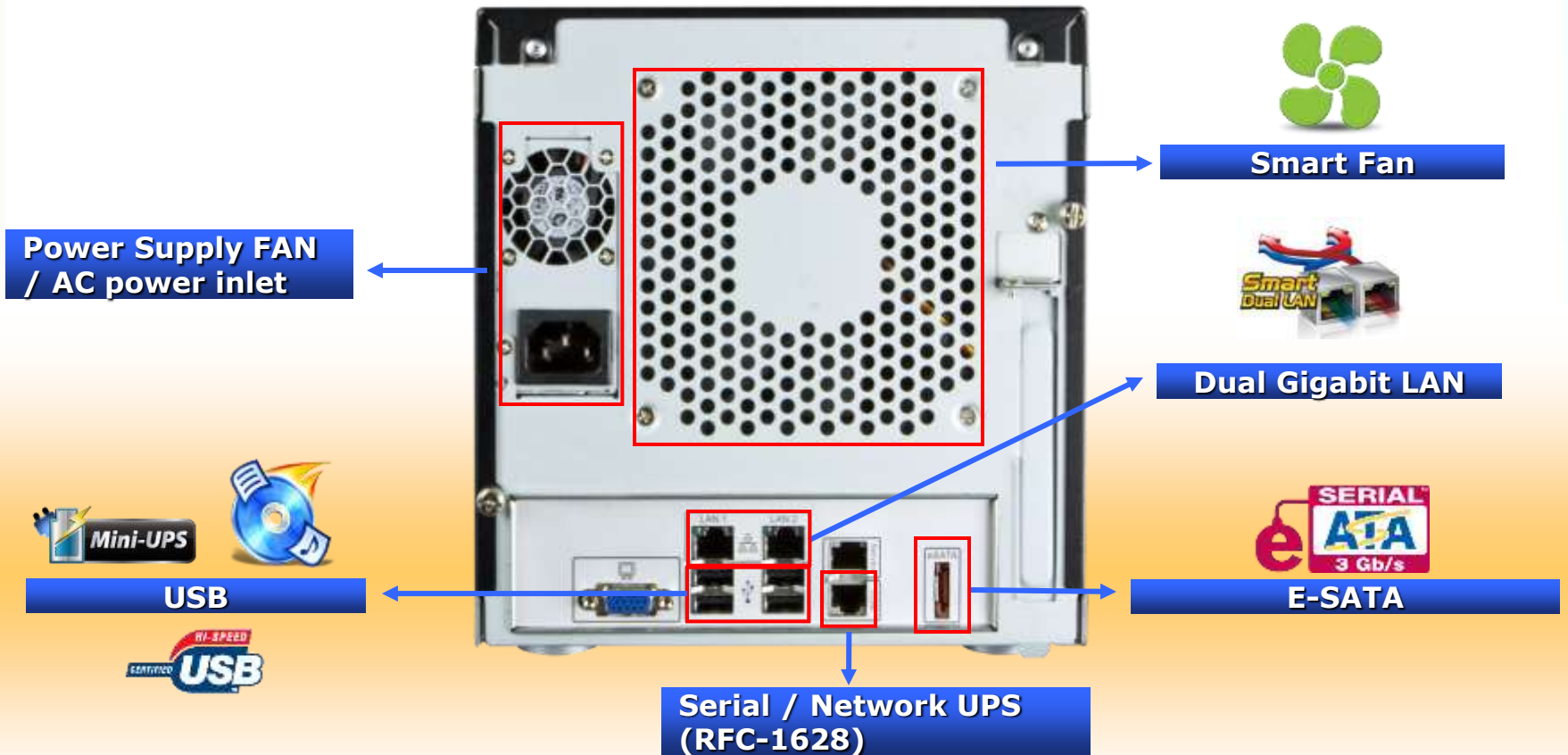
Product Overview

◆ Front View of NAS-7410



Product Overview

◆ Rear View of NAS-7410



Product Overview

◆ WEB Interface



The screenshot displays the PLANET WEB Interface dashboard. At the top left is the PLANET logo. On the top right, there are five navigation icons: a right-pointing arrow, a warning triangle, a padlock, a group of people, and a document. The main area contains nine tiles, each with an icon and a label:

- Server Settings**: Icon of a server rack and gears.
- Disc Server**: Icon of a server rack and two CDs.
- Network Settings**: Icon of a computer monitor, a network switch, and a globe.
- Backup and Restore**: Icon of a server rack with a green arrow pointing down.
- Volume Manager**: Icon of two server racks connected by a double-headed arrow.
- Virus Protection**: Icon of the TREND MICRO logo.
- Security Manager**: Icon of a padlock with a yellow and black hazard stripe.
- Event and Log**: Icon of a notepad and a pencil.
- Status and Statistic**: Icon of a 3D bar chart with three bars of increasing height.

Product Features

➤ Hardware

- ✓ High performance Intel Dual Core **1.8GHz** processor



- ✓ Provides scalability up to **16TB** (with 4TB per Hard Drive)

- ✓ **Tray-less** design for genuine **plug & play** and **Hot-Swap** use



- ✓ Integrated **Dual Gigabit LAN** with Fault Tolerance and Link Aggregation



- ✓ Adds storage capacity by connecting external **USB / E-SATA** hard disk drives



Product Features – Easy Installation

◆ Space Saving & Tray-less Design

- ✓ The NAS-7410 is designed to allow up to **4 x 2.5" / 3.5"** SATA hard drives installation. Each hard drive door has a multi-locking latch mechanism in order to prevent a door from being opened easily.

Keylock & door latch mechanism



Prevents hard disk drive from being removed easily

4 x SATA hard disk drive



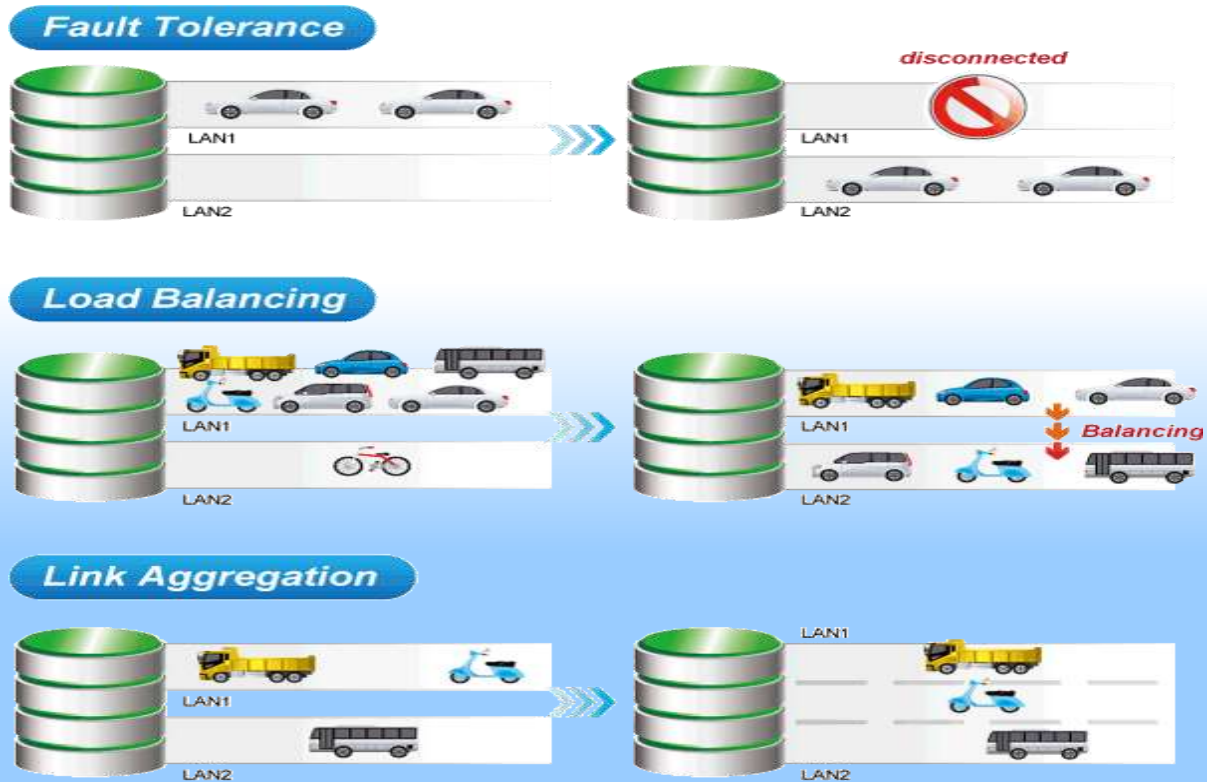
Provides scalability up to 16TB

Hot-swapping

Product Features – Dual Gigabit LAN

◆ Multiple LAN for Better Efficiency

- ✓ The NAS-7410 features multiple functions to support LAN storage for better efficiency. Ex: **Fault Tolerance** / **Load Balancing** / **Link Aggregation**.



Product Features

➤ Network and Configuration

- ✓ Compatible with Windows 2003 / 2008 / Vista / XP / Win7 / Win8, Linux, Unix and Mac OS 8.x or above



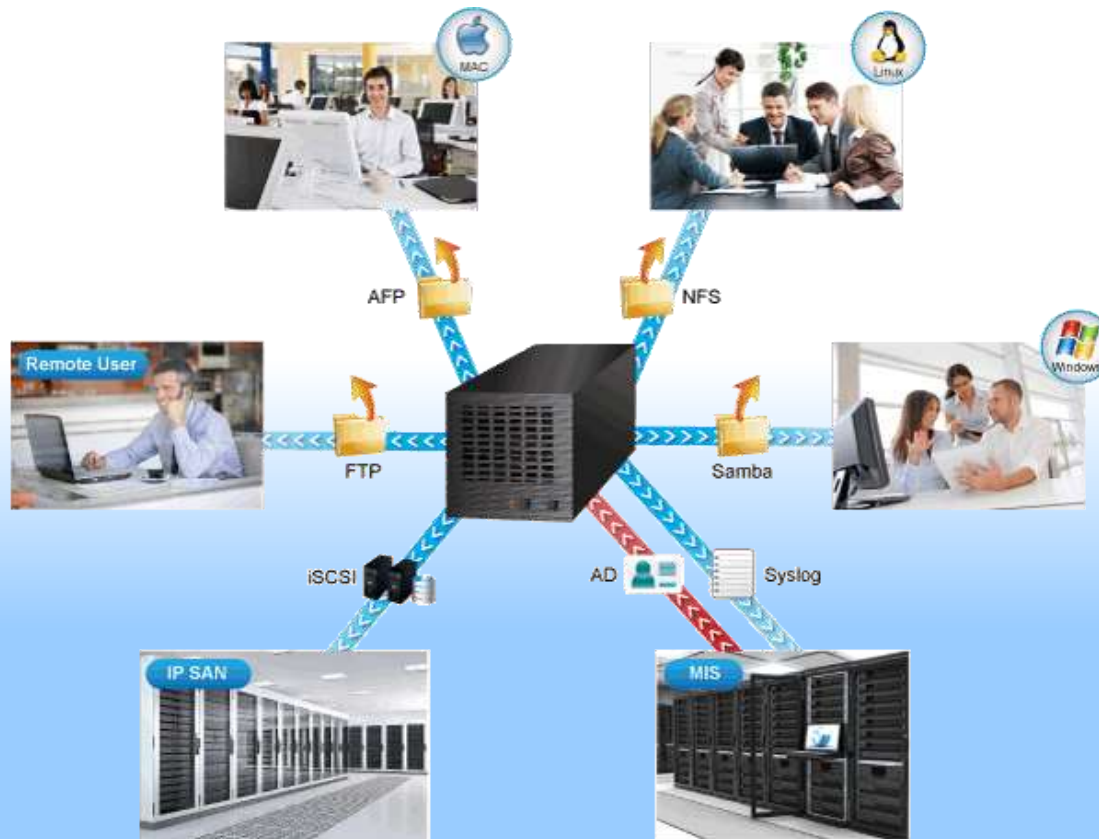
- ✓ Supports **CIFS** (Common Internet File System) / **SMB** (Server Message Block) to allow Microsoft network remote users to easily retrieve files

- ✓ Supports **VMware vSphere**  and **Citrix XenServer**  at Server Virtualization & Clustering

Product Features - *Business-Class*

◆ High Performance Shared Storage Server

- ✓ Integrated data protection and offsite replication features make managing complex business storage environments affordable.



Product Features

➤ Management

- ✓ **Bad Block Scan & Hard drive by S.M.A.R.T.**
- ✓ **Supports NAS and iSCSI / IP-SAN (Storage Area Networks) for database and server virtualization applications**
- ✓ **Built-in FTP server allows users to conveniently transfer files**
- ✓ **Supports up to 2048 user accounts with individual access rights**
- ✓ **Allows the administrator to allocate the amount of available disk space to individual users**
- ✓ **Provides password protected data access to all users**
- ✓ **Instant Alert via Email, Buzzer, Trap, Web Reminder**
- ✓ **Linux based Samba OS provides EXT3 file system for securing data storage**

➤ Data Backup

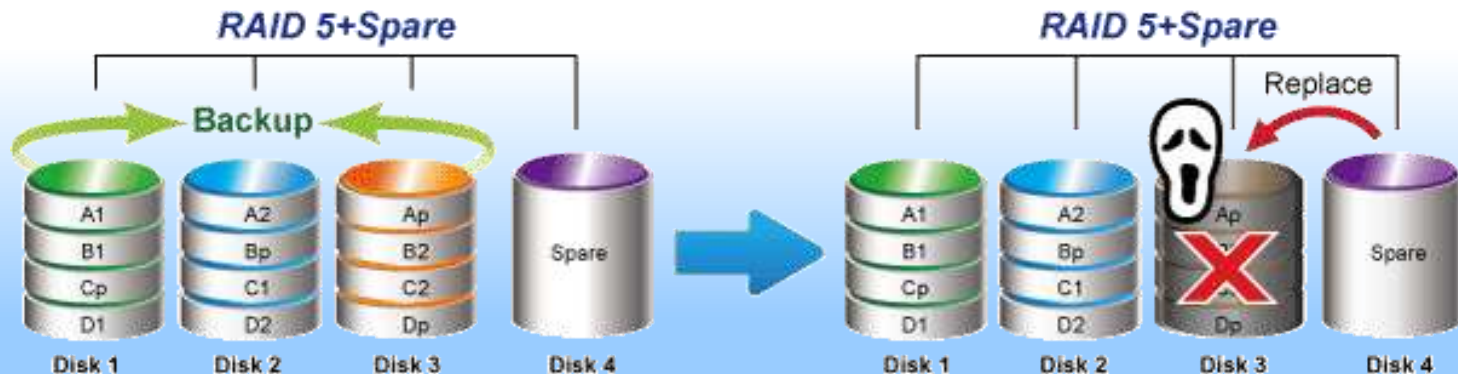
- ✓ **Supports RAID 0, 1, 5, 6, 10 and JBOD**
- ✓ **SmartSync (NAS-to-NAS) backup for automatic client backup**
- ✓ **Snapshot for instant backup and restoration**
- ✓ **WebDAV enables viewing, adding, or deleting files from the web**

Product Features – **RAID**

◆ Automatic Data Protection by RAID & Hot-Swap

- ✓ The NAS-7410 provides advanced RAID configurations including **RAID 0, 1, 5, 6 and 10** functions.

Rebuilding the Spare HDD Would Replace the Fault HDD



Product Features - *WebDAV*

◆ The Extension of Network Communication by WebDAV

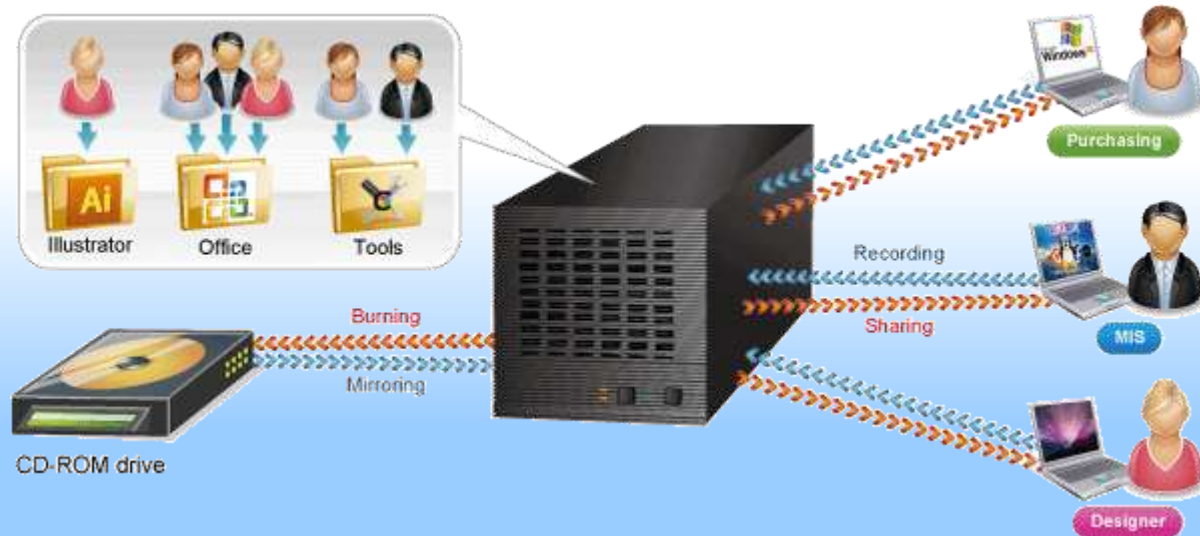
WebDAV is an extension of the HTTP protocol for users to edit and manage documents and files that are stored on servers over the Internet.



Product Features - *Disc Server*

◆ Powerful Disc Images Management and Sharing by Disc Server

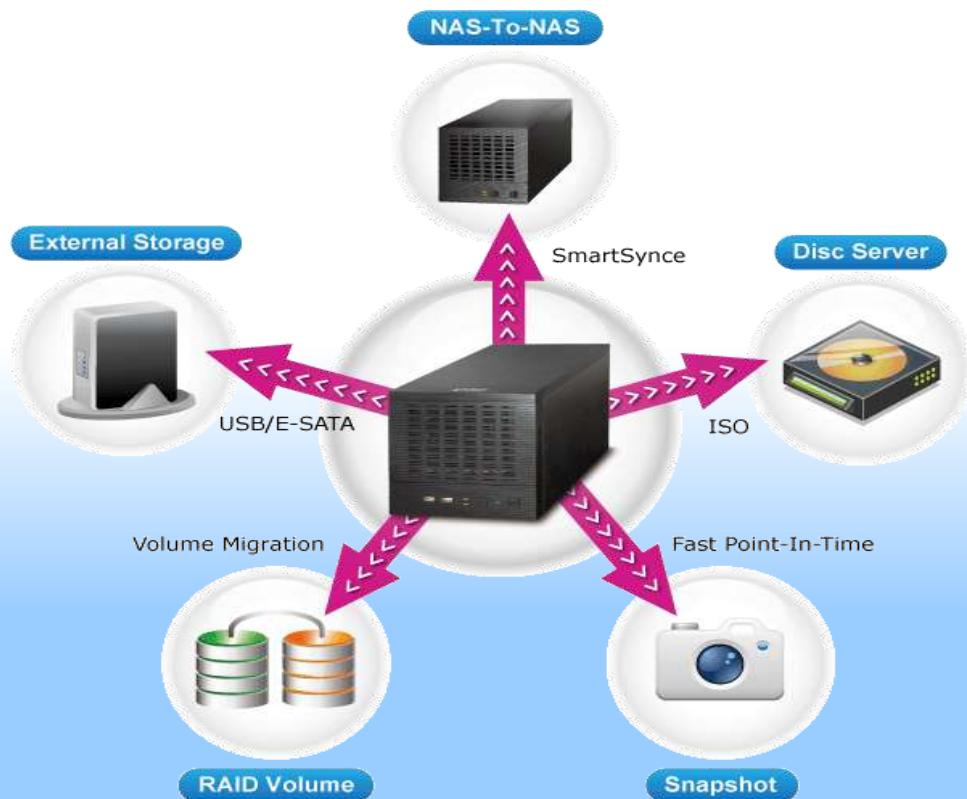
Disc Server is our unique technology which is designed for CD/ DVD, Blu-ray disc images creation, burning and data archiving for central management.



Product Features - *Backup*

◆ All-around of Backup Solutions


The complete and reliable backup solution is the competitive advantage of PLANET NAS-7410.



All-around Backup Solutions

Product Features

➤ General

- ✓ Antivirus Engine Protection by  **TREND MICRO™**
- ✓ Uninterruptible Power Supply (**UPS**) support without data loss in the case of power failure
- ✓ **Power Saving** -- Wake on LAN, Scheduled Power on/off, Smart-Fan

Product Features - *Antivirus*

◆ Always-on Data Security with Trend Micro

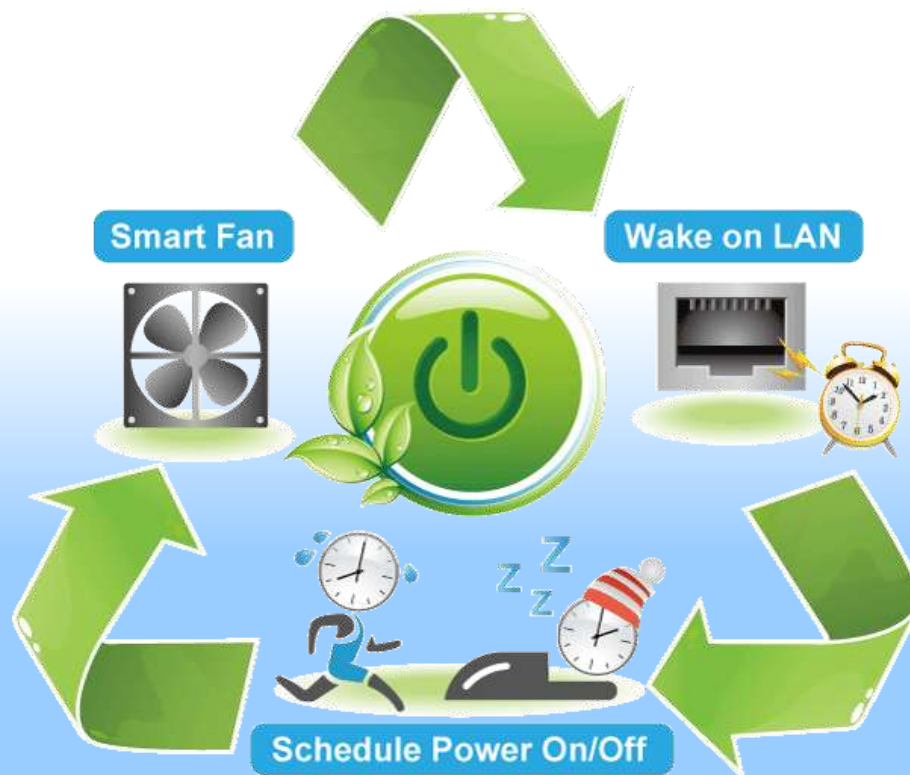
- ✓ The NAS-7410 features virus engine scanning technology and cooperates with well-known Trend Micro Anti-virus Company.



Product Features – *Power saving*

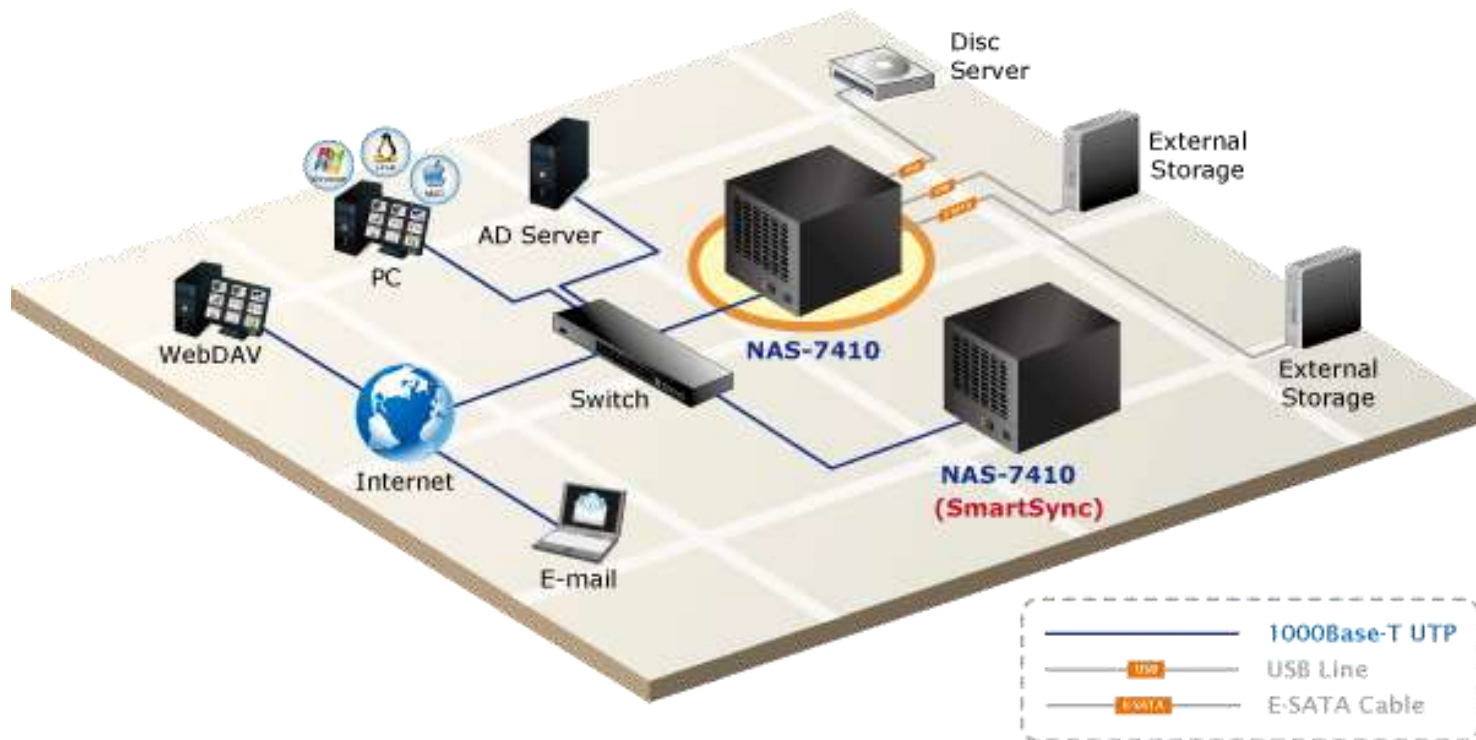
◆ Energy Efficient Design

- ✓ The NAS-7410 features green technologies to protect the environment and save electricity, Smart Fan, Wake on LAN, Schedule power On/Off.



Applications

- ◆ **The NAS-7410 provides connectivity to your existing network without requiring extra client access license fees, upgrading or replacing servers. It can be applied to a mixed platform network and offer fault-tolerant, high-performance and high-availability storage service..**



Appendix Sales Target

◆ Target Markets

- ✓ Enterprise / SMB Office
- ✓ System Integrator
- ✓ Reseller



◆ Profitable Products






- ✓ The following are potential to all customers:
 - NAS-7103
 - NAS-7202
 - NAS-7450
 - NAS-7850



Appendix



◆ Related NAS Server

Model Name		Description
NAS-7103		1-Bay SATA NAS Server
NAS-7102		2-Bay SATA NAS Server
NAS-7410		4-Bay SATA NAS RAID Server with iSCSI
NAS-7450		1U Rack-Mountable 4-Bay NAS Server with iSCSI
NAS-7850		2U Rack-Mountable 8-Bay NAS Server with Dual Power Supply



ACTIVATING IP POWER