

Networked Media Tank

Bringing You The Digital Home Entertainment Experience



What is the Networked Media Tank (NMT)?

The NMT is an all-in-one network media device. It is a combination of a Digital Media Player (DMP), a Network Attached Storage (NAS) device and a Media Server. All these features are built into a single fully integrated hardware package that will allow the user to view, share and store their digital media with unrivaled ease. The NMT brings all your digital entertainment requirements together into the comfort of your living room.

Once connected to your home network, the NMT will auto-detect other UPnP AV compliant servers on your network and aggregate all the available content. This allows the NMT to present to you all your media on the TV screen. For the NAS feature of the NMT, it allows user to store, access and manage their media on the NMT via FTP or Samba. This then ties in with the Media Server functionality that allows any UPnP player to stream media from the NMT.

Taken together, the NMT allows you to share, stream and play digital media contents for the most part without the reliance on a PC, thus streamlining your digital entertainment setup.

Why do I need a Networked Media Tank?

Convenient Viewing. The NMT makes it an almost seamless affair to access your digital content. Just sit back and relax for a moment after installing it and you'll soon have easy access to all your favorite media. Once connected to your network, the NMT can automatically configure itself to seek out all available UPnP AV compliant devices and aggregate the media they have to share. With a few easy clicks from the comfort of your living room, you will be able to view your media as well as Internet TV news streams, photo albums shared over the Internet, on-line radio stations and the latest news.

High Definition. The NMT supports most of the High Definition content available on the Internet. Popular formats such as WMV9, DivX HD and MPEG2TS are but some of the codecs supported by the NMT. To compliment the HD media support, the NMT also has a range of digital output options to ensure the best viewing experience without loss of quality.

Ease Of Use. Digital Media Players are relatively easy to install devices. The NMT simplifies this process even more. As a Plug and Play network device, the NMT just has to be plugged into your wired home network in-order for you to experience the pleasure of viewing your digital content in the comfort of your living room. For first time users, a quick wizard menu will help you configure the User Interface(UI), optimizing the NMT to the correct viewing mode to suit your TV. From there on the intuitive interface will allow you to begin watching your media with just a few simple clicks of the remote.

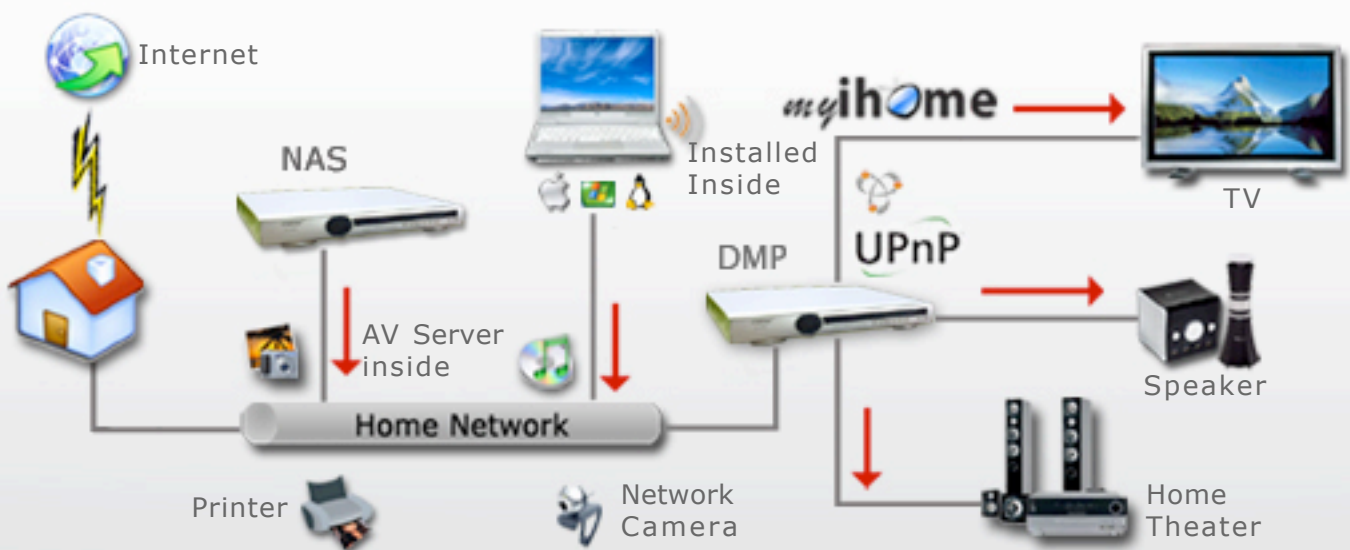
All-In-One-Solution. The NMT is both a client and a server device. It is a combination of a NAS, Media Server and a Digital Media Player. The NAS utilizes a Samba server for easier access and management of the files stored on the local hard drive. The Media Server utilizes the UPnP AV NMPrv2.1 protocol to allow for compatibility with a wide range of devices as well as allowing other DMPs to stream from it. An additional feature of the NMT is the BitTorrent client that allows for direct downloading of content to the local hard drive without reliance on a PC. All these features combined make the NMT a proper one stop solution for your digital home entertainment network.

Experience Digital Entertainment with Your Networked Media Tank

The viewing experience for the NMT not only covers the HD content in your home, but also stretches to include a host of on-line media. With support for multiple popular Internet streaming protocols like WMS over HTTP, WMS over RTSP, Shoutcast, ASF and others, the NMT provides its users with a wide variety of choices for their entertainment needs. The Media Service Portal is an additional service provided by Syabas that aggregates many such popular on-line media sources into a single convenient portal.

The MSP is an on-line media portal hosted by Syabas to allow users to choose and view a large variety of on-line news, radio, RSS, video, weather forecasts and many other web services. The portal links to Google and Yahoo video as well, allowing the user to search and watch videos from two of the most popular on-line video sources. A good way to share photos with friends and family through the Internet via Flickr Photos, and the NMT allows the user to present their photos with background music to accompany the slide-show in the comfort of the user's living room.

All these features of the NMT combine to take it above and beyond the standard Digital Media Player and into a class of its own. This is truly the definitive solution for users that brings together the Consumer Internet and Home Entertainment.



Connectivity of NMT

Features

Networked Media Tank Technology Specifications

Media Format :

- Video - supports SD/HD WMV9, SD/HD MPEG2, SD/HD MPEG4, H.264
- Music - MP3, AC3 5.1, Advance Audio Coding (AAC), WMA, WMA Pro
- Photo - JPEG, PNG, GIF



Media Storage Support :

- USB 2.0 Mass storage device support
- ATAPI for DVD ROM and Hard disk connectivity

Online Premium Service(s) :

- Microsoft – Cardea DRM, Janus DRM
- Rhapsody UPnP AV support
- CinemaNow

Compliance Technology :

- Intel Networked Media Product Requirements NMPR v2.1
- Microsoft "Media Connect" media server and integrated "Cardea" DRM
- "Playsforsure" certified

Networking :

- Wired Networking : Ethernet, HomePlug (Powerline)
- Wireless (WiFi) :IEEE 802.11n
- "Dummy Proof" Discovery Protocol Handling :
 - DHCP – Router, Residential Gateway (RG), Server
 - UPnP – Microsoft Universal Plug and Play
 - Rendezvous – Apple

Media Server Technology

- Protocols : UPnP AV NMPR v2.1
- Samba support : version 3.0.21
- Download services : Bit Torrent btpd v0.12
- File system support : EXT3

