



Paragon NTFS for Linux

#1 High-Performance Cross-platform Solution for PC, NAS, Router, and HD Media Player OEMs/ODMs

Network devices which can accommodate external storage are based upon kernels that do not support the file systems such external storage is normally formatted to. For example, Linux-based PCs, NAS devices, routers, and HD media players are incompatible with external HDDs formatted for NTFS (Windows). To be competitive, OEMs/ODMs must find an effective bridge between the operating system or kernel their products are running and the file systems that external storage is formatted to...

Over 10 years ago, Paragon Software Group recognized this need and developed a unique Universal File System Driver or UFSD™ technology which provides full high-performance read/write access to file systems under operating systems and kernels that do not support them, such as NTFS for Linux, Ext2/3FS for Mac OS X, HFS+ for Windows, etc.

Our most popular UFSD solution is Paragon NTFS for Linux, which enables Linux-based PCs and network devices to have full read/write access to NTFS-formatted drives attached to them, with high performance as though they are native for Linux.

Paragon NTFS for Linux has proven its market value in many applications:

Network Storage

Cost effective and easy-to-manage Linux-based network storage with full access to NTFS partitions

Multimedia Devices

Linux-based devices which support NTFS partitions –the most popular file system for streaming multimedia

Ultra-Mobile PCs

Ultra mobile PCs running a Linux OS are widely popular nowadays, and with Paragon NTFS for Linux they can support an external NTFS-formatted HDD

Anti-Virus

Paragon NTFS for Linux enhances anti-virus software with an OS-independent file system driver so it can detect and neutralize any type of virus

Multi-System Recovery CD

A bootable CD with Paragon NTFS for Linux provides full access to file systems of different operating systems for maintenance and recovery purposes

Key Features and Benefits

Full read/write access to Windows (NTFS-formatted) HDDs under Linux

A pure kernel module –like native Linux modules (*.o or *.ko)

Does not require additional libraries

High performance –better than FAT

Low system requirements –16MB or less

Small footprint <500KB

Short mount time

Fast file/directory enumeration –for initial HDD indexing and browsing

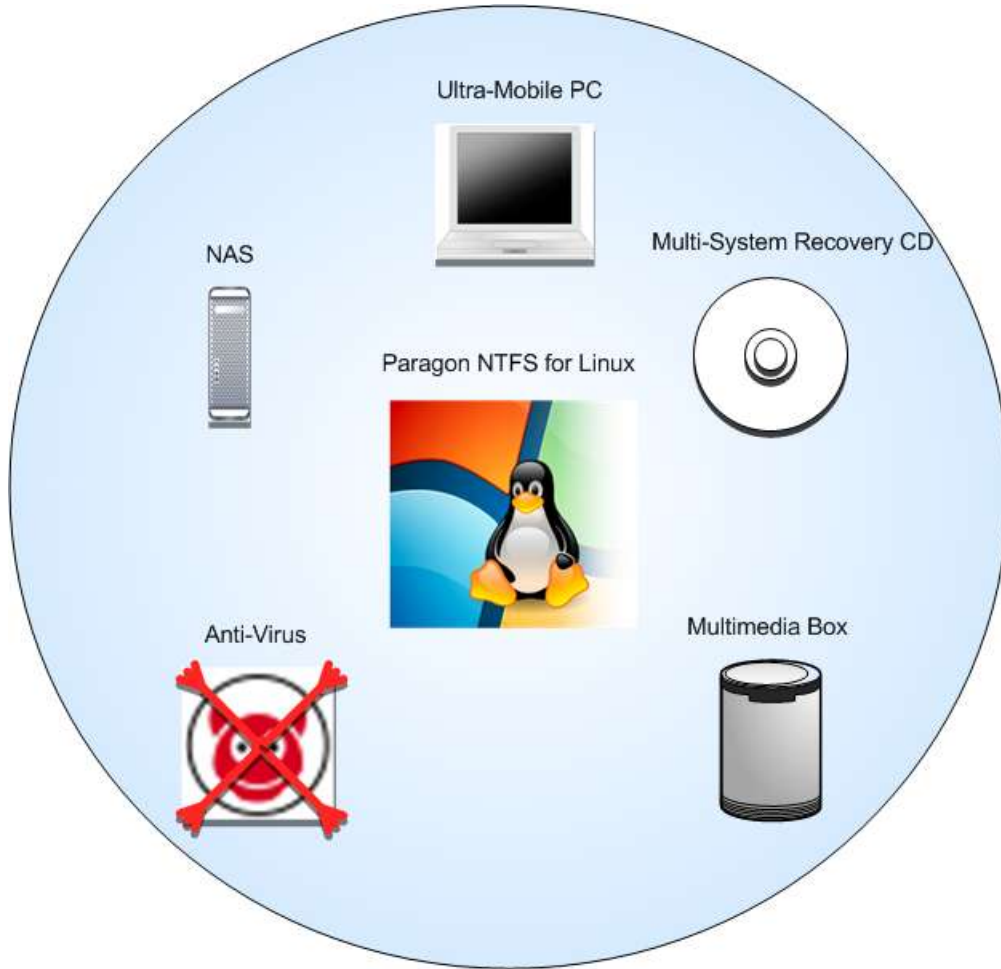
Support for all NTFS features – compressed and sparse files, transparent security support, extended attributes, etc.

Offers powerful NTFS utilities – check/fix, format, defrag, wipe, compress, backup, etc.

Supports all architectures Linux has been ported to, including x86, ARM, MIPS, and SuperH

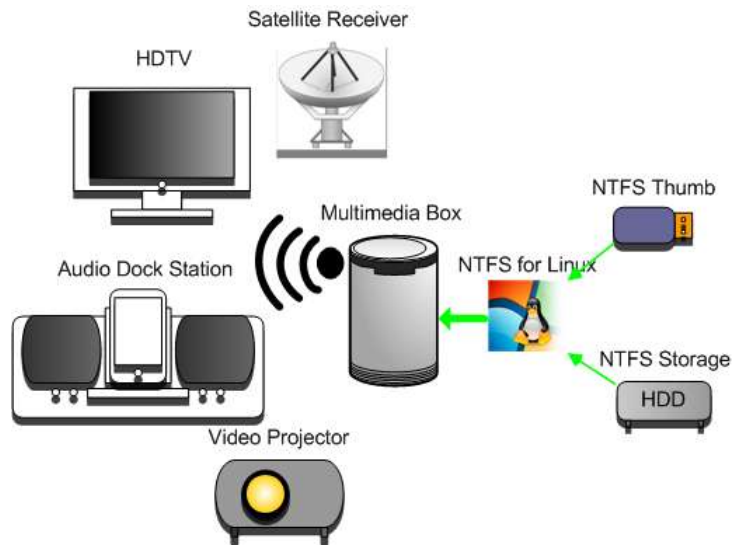
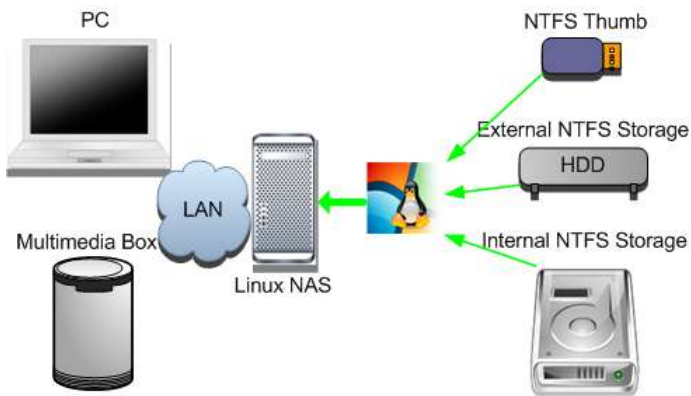
Especially for Embedded Solutions
High performance tuning for specific hardware to optimize read/write performance, mount & initial indexing time, CPU utilization, etc.

Paragon NTFS for Linux Application



Integrating to Linux NAS

Integrating to Linux Multimedia Box



Related Products: Paragon NTFS for Mac and Paragon ExtFS for Mac