TerraMaster U4-220

Enterprise-class 4-bay networked storage server

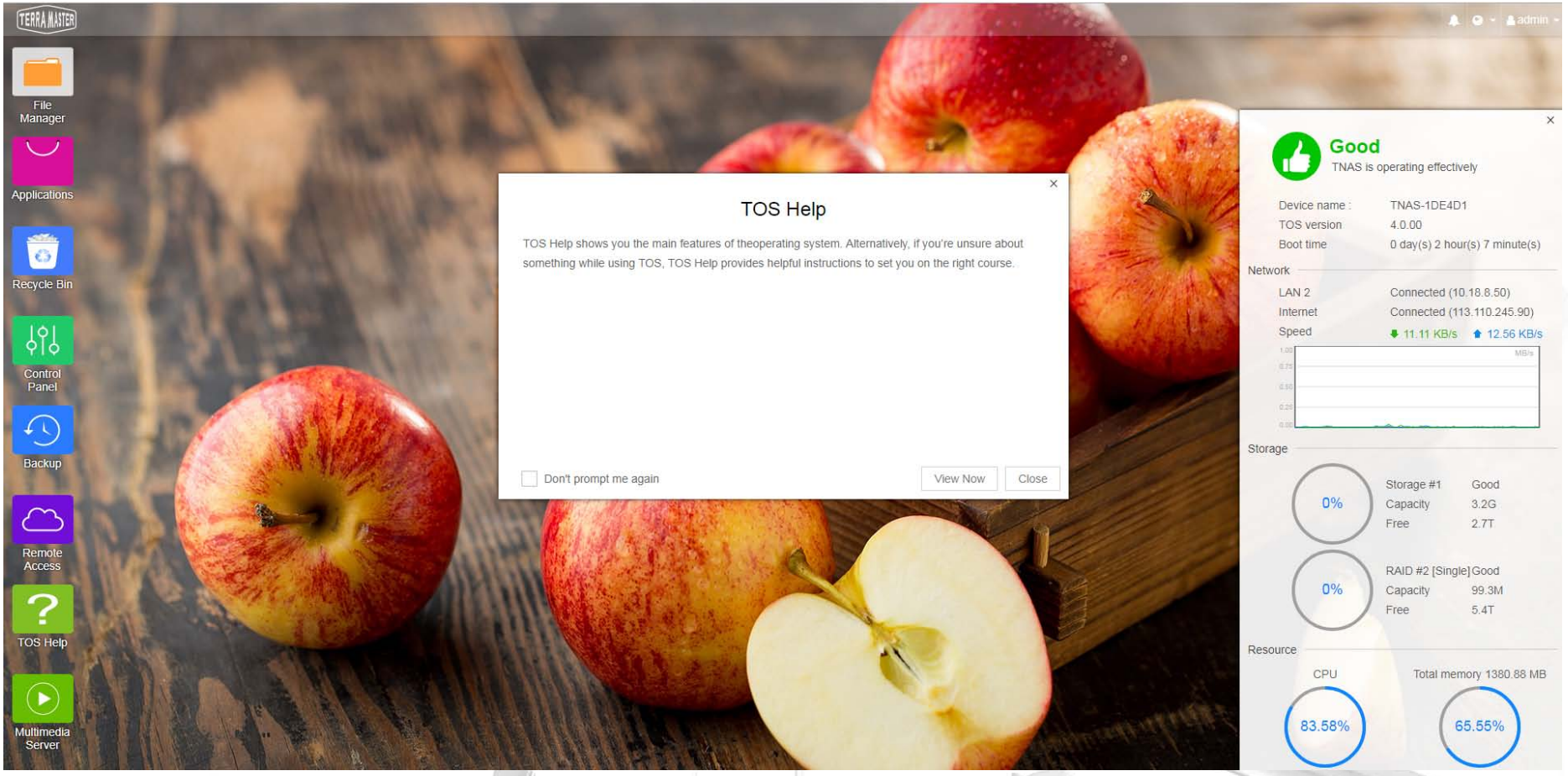
Highly scalable storage server, designed to meet the requirements of enterprise virtualization, data-intensive applications and service continuity.

Model No.	TerraMaster U4-220
Enclosure	Aluminum Alloy
CPU	Intel® Celeron® 3865U Daul-Core, 1.8GHz
Processor architecture	64 -bit
RAM	2GB
Storage capacity	4 x 12TB
Hot Swap	Support
Supported RAID types	Single,JBOD,RAID 0,RAID 1,RAID5,RAID 6,RAID 10
Ethernet port	2 x RJ-45 1GbE, 2 x USB 3.0, 4x USB 2.0
Compatible disk types	3.5“/2.5“SATA HDD 2.5" SATA SSD

Software

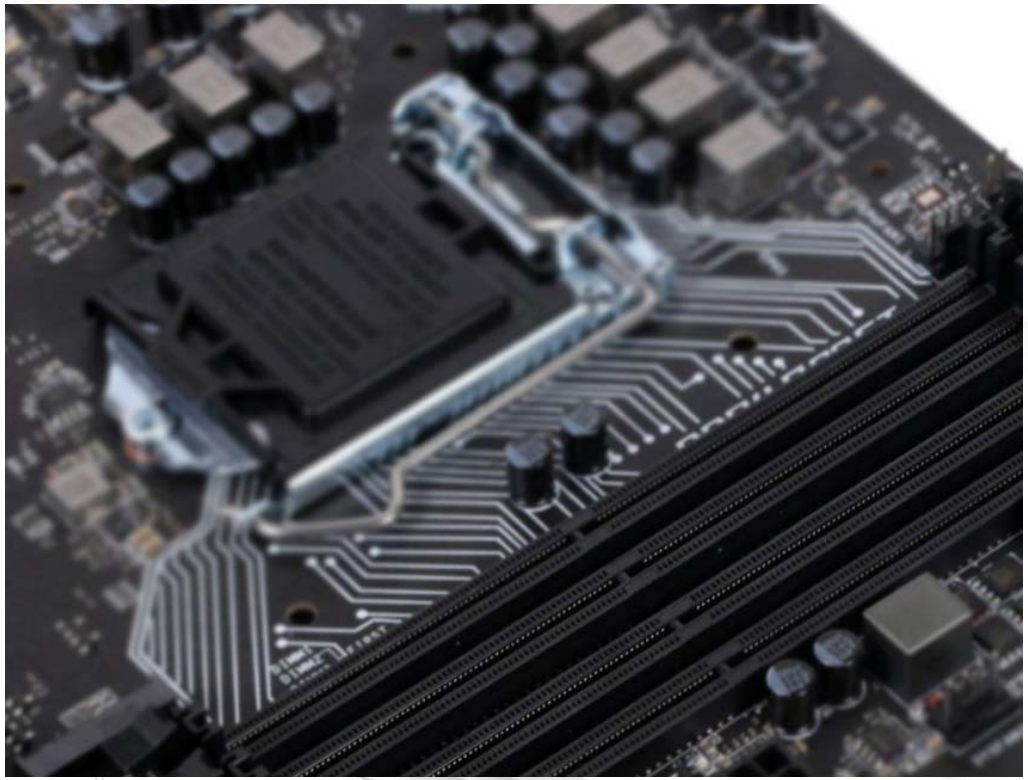
Operating System	TerraMaster TOS 4.0
Remote Access	tnas.online
Btrfsfile System	√
Snapshot	√
4K Video Transcoding	√
Docker	√
Plex Media Server	√
Mail Server	√
Media Server	√
File Server	√
Web Server	√
FTP Server	√
SVN Server	√
Emby server	√
MySQL Server	√
Rsync Remote Server	√
Dropbox	√
ElephantDrive	√
rclone	√
Transmission	√
Clam AntiVirus	√
iSCSI	√
Google Drive	X（Developing）
VPN	X（Developing）
Surveillance Station	X（Developing）

TerraMaster TOS Interface



High Scalability

Configure two DDR3 slots to support up to 8GB of memory modules with total memory up to 16GB; configure one PCI-E3.0 8X expansion slots for expansion of 10 Gigabit network cards (2 SFP + ports) and hard array RAID cards.

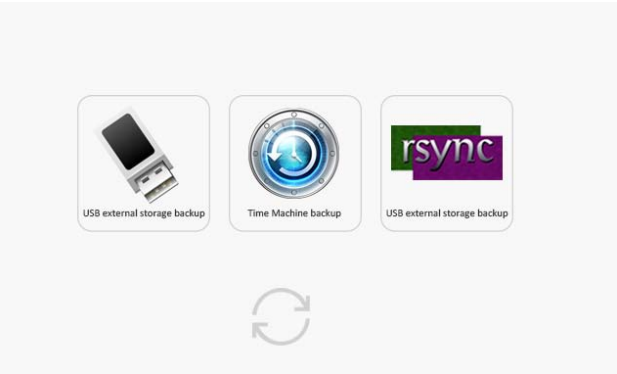


SSD cache technology

Hard disks, though large in capacity and cost-effective, are not as fast as SSDs. The use of SSD cache technology in hard disk arrays will optimize the response speed when accessing data and improve transmission performance by about 25%.

Next-generation format file system

NAS server supports Btrfs file system. Btrfs file system uses more advanced storage technology, through snapshot, rollback, defragmentation and other functions, can prevent data corruption, reduce maintenance costs, make your data storage more secure.



Multiple backup methods

Support Time Machine backup, USB external storage backup and Rsync remote backup, effectively protect your data security.

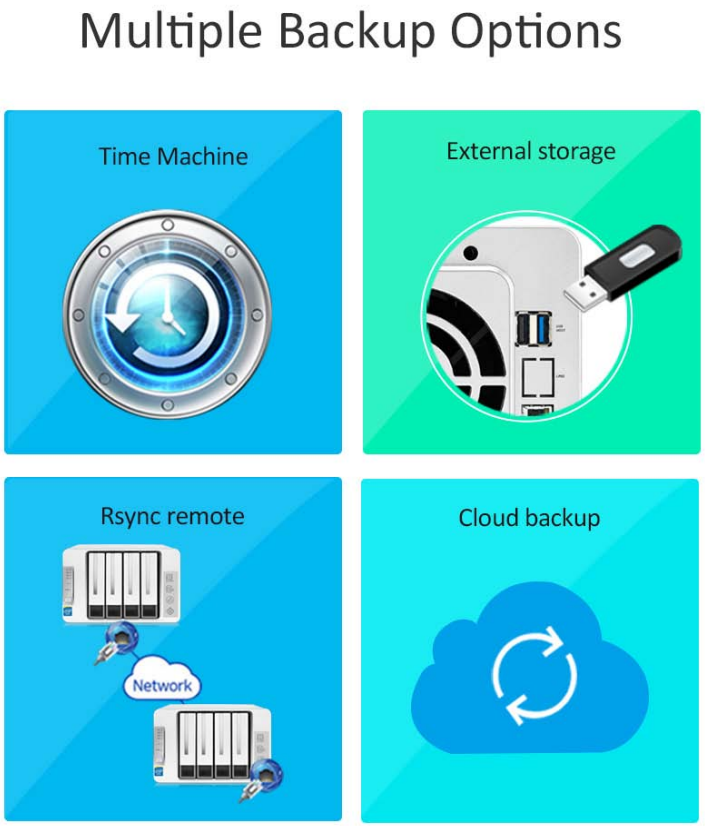
Virtual Machines

Virtual machines allow you to always test new software in the sandbox, isolate your customers' machines, and increase the flexibility of your servers. In just a few steps, you can run the Windows and Linux operating systems on TNAS.

Enjoy thousands of containers on Docker

Users can capitalise on Docker, a lightweight software containerisation solution, to operate numerous TOS-based containers.

These containers have been developed by leading practitioners in the international community, all of whom have benefitted from the advanced technology. With Docker Hub, a wide-ranging built-in image repository, users can access shared applications from other developers in the community.



A Variety of Backup Methods

Supports Apple Time Machine, Rsync, and Remote Backup support.

Supports third-party backup solutions, Cloud Sync Dropbox synchronization.

Superspeed USB3.0 interface supports external storage backup. EXT4, EXT3, FAT, NTFS, HFS+, exFAT are all supported.

A Wealth of Business Applications

TOS's enterprise version is compatible with numerous business applications.

Operating a single TNAS device offers significant benefits when compared to the use of multiple devices, including file servers, mail servers, web servers, VPN servers, DHCP servers, DNS servers, Rsync remote servers, FTP servers, and MySQL servers.


TERRA MASTER
Data Storage Master
TERRA MASTER
Data Storage Master