





Thecus® Product Comparison				
Name	N7700	N7700+	N7700PRO	N7700SAS
Image				
System Memory	2GB DDR2 SDRAM	2GB DDR2 SDRAM	4GB DDR2 SDRAM	4GB DDR2 SDRAM
HDD Interface	3.5" SATA I/II x 7	3.5" SATA I/II x 7	3.5" SATA I/II x 7	3.5" SAS or SATA I/II x7
Ethernet	GbE x 2	GbE x 2	GbE x 2	GbE x 2
Dual DOM	No	Yes	Yes	Yes
USB (as host)	USB 2.0 x 4	USB 2.0 x 4	USB 2.0 x 4	USB 2.0 x 4
USB (as Target)	No	No	No	No
eSATA	1	1	1	1
PCI/PCIe slot	PCIe x1 (running at x1)	PCIe x8 (running at x1)	PCIe x8 (running at x1)	PCIe x1 (running at x1)
Network Protocol/ Services	TCP/IP,CIFS/SMB, AFP, NFS, HTTP, HTTPS, FTP,FTP-SSL/TLS,DHCP Server,DHCP Client	TCP/IP,CIFS/SMB, AFP, NFS, HTTP, HTTPS, FTP,FTP-SSL/TLS,DHCP Server,DHCP Client	TCP/IP,CIFS/SMB, AFP, NFS, HTTP, HTTPS, FTP,FTP-SSL/TLS,DHCP Server,DHCP Client	TCP/IP,CIFS/SMB, AFP, NFS, HTTP, HTTPS, FTP,FTP-SSL/TLS,DHCP Server,DHCP Client
Supported Clients	Windows, Mac OS, Linux/Unix	Windows, Mac OS, Linux/Unix	Windows, Mac OS, Linux/Unix	Windows, Mac OS, Linux/Unix
Wireless(Optional)	Wireless Dongle (AP Mode)	Wireless Dongle (AP Mode)	Wireless Dongle (AP Mode)	Wireless Dongle (AP Mode)
File System				
EXT3	Yes	Yes	Yes	Yes
ZFS	Yes	Yes	Yes	Yes
XFS	Yes	Yes	Yes	Yes
Disk Management				
RAID Levels	RAID 0, 1, 5, 6, 10,JBOD Supports Multiple RAID modes(Up to 3)	RAID 0, 1, 5, 6, 10,JBOD Supports Multiple RAID modes(Up to 3)	RAID 0, 1, 5, 6, 10,JBOD Supports Multiple RAID modes(Up to 3)	RAID 0, 1, 5, 6, 10,JBOD, Supports Multiple RAID modes(Up to 3)
On-line Migration	Yes	Yes	Yes	Yes
On-line Expansion	Yes	Yes	Yes	Yes
Hot-swap	Yes	Yes	Yes	Yes
Hot-spare	Yes	Yes	Yes	Yes
SMART Info	Yes	Yes	Yes	Yes
SMART Test	Yes	Yes	Yes	Yes
Bad Block Scan	Yes	Yes	Yes	Yes
iSCSI				
iSCSI target	Up to 5 iSCSI targets under each file system	Up to 15 iSCSI targets under each file system. (Firmware v3.01.00 or above)	Up to 5 iSCSI targets under each file system	Up to 5 iSCSI targets under each file system
iSCSI Thin Provisioning	Yes	Yes	Yes	Yes
Stackable	Yes	Yes	Yes	Yes
Network Redundancy				
Load-balance	Yes	Yes	Yes	Yes
Fall-over	Yes	Yes	Yes	Yes
802.3ad	Yes	Yes	Yes	Yes
System Management				
LCD Display	Yes	Yes	Yes	Yes
Browser-based UI	Yes	Yes	Yes	Yes
E-mail Notification	Yes	Yes	Yes	Yes
Wake up on LAN	Yes	Yes	Yes	Yes
Power management	Yes	Yes	Yes	Yes
NTP	Yes	Yes	Yes	Yes
Data Protection and Security				
Snapshot	Yes	Yes	Yes	Yes
Remote Replication	Yes	Yes	Yes	Yes
RAID Volume Encryption	Yes	Yes	Yes	Yes
UPS support	RS-232, USB	RS-232, USB	RS-232, USB	RS-232, USB
Secure FTP Server	Yes	Yes	Yes	Yes
UPnP Discovery	Yes	Yes	Yes	Yes
Printer Server	Yes	Yes	Yes	Yes
Media Servers				
Media Server	Yes	Yes	Yes	Yes
Photo Album Server	Yes	Yes	Yes	Yes
iTunes	Yes	Yes	Yes	Yes
Download Manager (BT/FTP/HTTP)	Yes	Yes	Yes	Yes
eMule	Yes	Yes	Yes	Yes
Network Security				
Active Directory service	Yes	Yes	Yes	Yes
ACL (Share)	Yes	Yes	Yes	Yes
ACL (Sub Folder)	Yes	Yes	Yes	Yes
Folder quota	Yes	Yes	Yes	Yes
Backup Server				

Client side backup software	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO
Instant USB Backup	Yes	Yes	Yes	Yes
Bi-Directional USB Copy	Yes	Yes	Yes	Yes
Windows Utility				
Setup Wizard	Yes	Yes	Yes	Yes
Backup Utility	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility FarStone DC5.0 PRO
MAC OS X Utility				
Setup Wizard	Yes	Yes	Yes	Yes
Backup Utility	Thecus Backup Utility	Thecus Backup Utility FarStone DC5.0 PRO	Thecus Backup Utility	Thecus Backup Utility
Web Disk Management	Yes	Yes	Yes	Yes
Simple surveillance server IP CAM / Web CAM	IP CAM x 20	IP CAM x 20	IP CAM x 20	IP CAM x 20
Supported languages	11 (English, French, German, Italian, Traditional Chinese, Simplified Chinese, Japanese, Korean, Spanish, Russia, Polish)	11 (English, French, German, Italian, Traditional Chinese, Simplified Chinese, Japanese, Korean, Spanish, Russia, Polish)	11 (English, French, German, Italian, Traditional Chinese, Simplified Chinese, Japanese, Korean, Spanish, Russia, Polish)	11 (English, French, German, Italian, Traditional Chinese, Simplified Chinese, Japanese, Korean, Spanish, Russia, Polish)
Others				
ISO mount	Yes	Yes	Yes	Yes
Recycle Bin	Yes	Yes	Yes	Yes
Web Server	Yes	Yes	Yes	Yes
MySql	Yes	Yes	Yes	Yes
User Module Interface	Yes	Yes	Yes	Yes
AV out with 1080P supported Remote control for OSD operation	No	No	No	No
Power Recovery	Yes	Yes	Yes	Yes
Performance (NAS to 1 client)	Read: 90.1MB/s Write: 83.2MB/s Windows 7 Samba	--	--	Read: 97.5MB/s Write: 88.7MB/s Windows 7 Samba
Performance (NAS to 64 clients)	543Mbps Net Bench 7.0.3	--	680Mbps Net Bench 7.0.3	844.7Mbps Net Bench 7.0.3
Acoustic Noise	34.5dB (Seagate 1.5TBx5)	--	36.8 dB (Seagate 3.5" 2TBx7)	34.5 dB (Seagate 1.5TBx5)
Power Consumption	95.5W (Seagate 1.5TB x7)	--	111W (Seagate 3.5" 2TB x7)	120.28W (Seagate SAS 146GB X7)
Power Supply	Internal 300W Power Supply	Internal 300W Power Supply	Internal 300W Power Supply	Internal 300W Power Supply
Dimensions (mm):				
Height	320	320	320	320
Width	210	210	210	210
Depth	270	270	270	270
Weight (N.W. Kgs)	8.6	8.6	8.6	8.6



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