

READYNAS SPECIFICATIONS

	Duo	NV+	NVX Pioneer	NVX	Pro Pioneer	Pro Business	1100	2100	3200
Hardware									
- CPU	IT3107	IT3107	Intel Embedded	Intel Embedded	Intel Multi-core	Intel Multi-core	IT1004	Intel Embedded	Intel Multi-core
- Memory	256 MB	256 MB	1 GB	1 GB	1 GB	1 GB	512 MB	1 GB ECC	4 GB ECC
- Embedded flash memory for firmware	64 MB	64 MB	128 MB	128 MB	128 MB	128 MB	64 MB	128 MB	128 MB
- Form factor	Pedestal	Pedestal	Pedestal	Pedestal	Pedestal	Pedestal	1U Rackmount	1U Rackmount	2U Rackmount
- Serial ATA channels	2	4	4	4	6	6	4	4	12
- Hot-swappable disk trays	√	√	√	√	√	√	√	√	√
- Lockable disk trays	√	√			√	√	√		
- 10/100/1000 Ethernet ports	1	1	2	2	2	2	2	2	2
- USB 2.0 ports	3	3	3	3	3	3	3	3	2
- LCD/OLED display		LCD	LCD	LCD	OLED	OLED			
- Compatible with SATA I & II HDD	√	√	√	√	√	√	√	√	√
- Native SATA II support			√	√	√	√		√	√
- Enterprise SATA HDD on pre-populated systems		√		√**			√	√	√
- Kensington latch	√	√	√	√	√	√			
RAID									
- Auto-expandable X-RAID™	√	√					√		
- Auto-expandable X-RAID2™			√	√	√	√		√	√
- X-RAID2™ with dual redundancy option					√	√			
- Online volume expansion		√	√	√	√	√	√	√	√
- RAID levels 0/1 (Flex-RAID)	√	√	√	√	√	√	√	√	√
- RAID levels 5 (Flex-RAID)		√	√	√	√	√	√	√	√
- RAID levels 6 (Flex-RAID)					√	√			√
- Multiple volume support (Flex-RAID)	√	√	√	√	√	√	√	√	√
- Hot-swap support	√	√	√	√	√	√	√	√	√
- Hot-spare support (Flex-RAID)		√	√	√	√	√	√	√	√
- Background sync and Smart Sync™ resume	√	√	√	√	√	√	√	√	√
- Life Support™ mode	√	√	√	√	√	√	√	√	√
Volumes									
- Volume management		√	√	√	√	√	√	√	√
- Single-volume auto-expansion (X-RAID/X-RAID2)	√	√	√	√	√	√	√	√	√
- Journaled file system	√	√	√	√	√	√	√	√	√
- Snapshot with scheduling		√	√	√	√	√	√	√	√
- Share-level quotas		√					√		
- User and group-level quotas	√	√	√	√	√	√	√	√	√
- Migration to NV+/1100	√	√					√		
- Migration to Pro			√	√	√	√		√	√
- Disk scrubbing			√	√	√	√		√	√
- Background volume check			√	√	√	√		√	√
- iSCSI target with expansion support				√		√		√	√

Backup									
- Integrated Frontview™ Backup Manager	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Programmable backup button	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Backup from snapshot		✓	✓	✓	✓	✓	✓	✓	✓
- Backup over CIFS/NFS/FTP/HTTP & Rsync	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Backup over Secure Rsync		✓	✓	✓	✓	✓	✓	✓	✓
- Backup to/from USB Disks	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Built-in support for Time Machine	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Syncing between multiple ReadyNAS devices	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Full and incremental backups	✓	✓	✓	✓	✓	✓	✓	✓	✓
- System configuration backup and restore		✓	✓	✓	✓	✓	✓	✓	✓
- Built-in support for ReadyNAS Vault™	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Multi-system cloning		✓	✓	✓	✓	✓	✓	✓	✓
Included Software									
- NTI Shadow for ReadyNAS (Windows/Mac)	✓	✓			✓	✓	✓	✓	✓
- Memeo AutoBackup Premium (Windows/Mac)			✓	✓					
- ReadyNAS Photos	✓	✓	Optional	Optional	Optional	Optional	Optional	Optional	Optional
- Embedded BitTorrent client	✓	✓	Optional	Optional	Optional	Optional	Optional	Optional	Optional
USB Device Support									
- Hard disks and flash drives	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Support for FAT32, Ext2, Ext3, and NTFS	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Cameras	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Printers	✓	✓	✓	✓	✓	✓	✓	✓	✓
- UPS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Web Browsers Supported									
- Internet Explorer 7.0+	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Safari 1.22+	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Opera 9.0+	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Firefox 2.0+	✓	✓	✓	✓	✓	✓	✓	✓	✓
Languages									
- Management UI: English, German, Japanese, Chinese, Korean, French	✓	✓	✓	✓	✓	✓	✓	✓	✓
- File Name: Unicode	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electrical									
- Power Supply	External	200W	220W	220W	300W	300W	250W	250W	2 x 700W
- Redundant Power Supply									✓
- Input: 100-240V AC, 50/60 Hz	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power									
- Typical (2 x 500GB for Duo, 4 x 500GB for NV+/1100, 6 x 500GB for Pro, 4 x 1TB for NVX/2100, 6 x 1TB for 3200)	35W	55W	62W	62W	83W	83W	76W	74W	170W
- Disk spin-down	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Power-on schedule	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Auto-shutdown on UPS low-battery	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Wake-On-LAN			✓	✓	✓	✓		✓	✓

Thermal									
- Chassis cooling fan	60 mm	92 mm	92 mm	92 mm	120 mm	120 mm	3 x Dual 40 mm	3 x Dual 40 mm	3 x 80 mm
- Fan failure alert	√	√	√	√	√	√	√	√	√
- High temperature alert with auto-shutdown option	√	√	√	√	√	√	√	√	√
Noise									
- Typical at 1 meter distance	25 dBA	31.5 dBA	31.5 dBA	31.5 dBA	25 dBA	25 dBA	50 dBA+	50 dBA+	
Operating Environment									
- Temperature	0 - 35° C	0 - 40° C	0 - 40° C	0 - 40° C	0 - 40° C	0 - 40° C	0 - 40° C	0 - 40° C	0 - 40° C
- Humidity (non-condensing)	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%
- FCC, CE, C-tick, KCC, VCCI, RoHS compliance	√	√	√	√	√	√	√	√	√
Warranty									
- Coverage	3 Years	5 Years	3 Years	5 Years	3 Years	5 Years	5 Years	5 Years	5 Years

** 500GB drives used in NVX are non-enterprise drives.