

Hardware-Based NFS Server Features

	Falcon Systems Falcon FastfilePro 7000	Invincible Technologies Corp. LIFELINE SFT	Network Appliance NetApp F540	Sun Microsystems Computer Corp. Netra NFS 150
Configuration As Tested:				
RAID levels	0, 1, 0+1, 5, JBOD, 3 equiv.	JBOD, 0, 1, 0+1, 3, 5	4	5
RAID devices	No limit	No limit	1	1 (2 with external enclosure)
RAID implementation	Software	Hardware	Software	Software
Hot spares	●	●	●	●
Hot-swappable drives	●	●	●	●
Internal enclosures	○	○	○	●
External enclosures	●	●	●	●
System drive on different SCSI chain	●	●	○	●
Snapshots	○	●	●	○
Quotas	○	●	●	●
NIS	●	●	●	●
Online defragmentation	○	●	○	○
Hot-swappable power supplies	●	●	○	○
Redundant controllers	○	●	○	○
Ethernet support	●	●	●	●
Fast Ethernet support	●	●	●	●
FDDI/CDDI support	●	●	●	●
Failover to second server	○	●	○	○
Integrated UPS	○	○	○	●
Battery-backed cache	●	●	●	○
Management:				
Primary interface	GUI	GUI	ASCII/telnet (GUI available)	HTTP
Display adapter	●	●	○	○
Setup interface	Monitor/keyboard	Monitor/keyboard/mouse	ASCII	ASCII/front panel
Remote administration interface	Telnet	Telnet/X Windows	Telnet (GUI available)	Web browser
Operating system	Custom (on top of MS-DOS)	OSF (Unix)	Custom	Solaris (optimized for NFS)
Backups	tar	Legato NetWorker	Dump/rmt	Custom
Internal tape	●	●	○	●
Internal CD-ROM	○	●	○	●
Floppy configuration backup	●	●	●	●
Status monitoring	Some	Many	Few	Many
Audible alarms	●	●	○	○
External notification	None	E-mail/page/fax/autosupport	E-mail/pager/autosupport	None
Price as tested	\$102,850	\$175,350	\$107,000	\$30,895

● Yes ○ No