

Thunder 9500 V Series—Technical Specifications

	Thunder 9520V	Thunder 9530V	Thunder 9570V	Thunder 9585V
Physical Characteristics				
Configuration	Deskside	Deskside/Rack	Deskside/Rack	Rack
Command/Expansion Modules*	3 EIA	3 EIA	3 EIA	3 EIA
Maximum number of Expansion Modules	3 (SATA only)	0	14 (15 total)	30
SATA Support	yes	no	yes, Intermix Option	yes, Intermix Option
Maximum number of disk drives	59	14	224	449
Number of back-end loops (FC/AL, 2Gbit/sec)	4	4	4	8
Maximum raw capacity				
Fibre Channel	N/A	2TB	32TB	64TB
SATA	13TB	N/A	54TB	107TB
Maximum capacity RAID-5				
Fibre Channel	N/A	2TB	30TB	60TB
SATA	12.1TB	N/A	50TB	100TB
Mirrored cache size (GB) per system	1-2	1-4	2-4	2-8
Controllers	1 or 2	1 or 2	1 or 2	2
Internal bandwidth	4.2GB/sec	4.2GB/sec	4.2GB/sec	7.5GB/sec
Disk Drives Supported (all 2Gbit/sec)				
Fibre Channel				
36GB 15,000RPM	no	yes	yes	yes
73GB 10,000RPM	no	yes	yes	yes
73GB 15,000RPM	no	yes	yes	yes
146GB 10,000RPM	no	yes	yes	yes
SATA				
250GB 7,200RPM	yes	no	yes	yes
Host Ports				
Maximum virtual storage ports	512	256	512	1024
Maximum physical ports	4	2	4	8
Speed (Gbit/sec)	2	2	2	2
Autodetect 1Gbit/sec or 2Gbit/sec	yes	yes	yes	yes
Hosts per port	128	128	128	128
Host Storage Domains	yes	yes	yes	yes
Operating systems supported	14	14	14	14
SAN-enabled	yes	yes	yes	yes
LUNs				
RAID-0**, RAID-1, RAID-1+0	yes	yes	yes	yes
RAID-5 (3–16 disk drives with floating parity)	yes	yes	yes	yes
Maximum number of RAID groups	45	7	45	90