

COMPAQ RAID CONTROLLER COMPARISON

	SA-5304	SA-5302	SA-532	SA-431	RAID LC2	Integrated Controller
SCSI Protocols Supported	Ultra3 Ultra2 Wide-Ultra	Ultra3 Ultra2 Wide-Ultra	Ultra3 Ultra2	Ultra3 Ultra2 Wide-Ultra	Ultra2	Ultra2 Wide-Ultra
Channels	4	2*	2	1	1	1
SCSI Ports (external/internal)	4/2	2/2 or 4/2**	1/1	1/1	0/1	0/1
RAID Levels Supported	0,1,0+1,5, ADG	0,1,0+1,5, ADG†	0,1,0+1,5	0,1,0+1,5	0,1,0+1,5	0,1,0+1,5
Recovery ROM	Yes	Yes	Yes	No	No	No
Cache-Read / Write	128MB	64MB or 32MB	32MB	16MB	8MB††	8MB††
Battery Backed Cache	Yes	Yes	No	No	No	No
PCI Bus	64-bit, 66 MHz	64-bit, 66 MHz	64-bit, 66 MHz	64-bit, 33 MHz	32-bit, 33MHz	32-bit, 33MHz
SCSI Peak Data Transfer Rate	640 MB/s total, 160MB/s per channel	640 MB/s total, 160MB/s per channel	320 MB/s total, 160MB/s per channel	160 MB/s	80 MB/s	80 MB/s
Drives Supported (maximum)	56***	28*** or 56*	28***	14***	5	Dependent on Server
Array Configuration Utility	Yes	Yes	Yes	Yes	No	Yes
Array Diagnostic Utility	Yes	Yes	Yes	Yes	No	Yes

* Upgradeable to 4 channels with the Ultra3 Channel Expansion Module

** Upgradeable to 4 external ports with the Ultra3 Channel Expansion Module

*** Based on use of Compaq StorageWorks 4200 or 4300 family (14 hard disk drive enclosure)

† Requires ADG upgrade option and minimum of 64MB of cache

†† Read only Cache