



NetApp Hardware Universe – RC-0034-0909 – Side A – 2009-09-18

Adapter Cards

	Part Number	Media	Data ONTAP (min release)	VTL O/S (min release)	Fabric-Attached Storage						SA Systems			V-Series					NearStore® VTL		
					6080	6040	3170	3160	3140	2050	600	300	200	6080	6040	3170	3160	3140	1400	700	300
FIBRE CHANNEL	PCIe	X1128A-R6 FCP TARGET Dual Port 4Gb	Op - LC	7.2	-	4	4	2	2	2				4	4	2	2	2			
		X1130A-R6 FCP TARGET Quad Port 4Gb	Op - LC	7.3	-	4	4	4	4	4	1			4	4	4	4	4			
		X1131A-R6 FCP TARGET Dual Port 8Gb	Op - LC	7.3	-	4	4	4	4	4	1			4	4	4	4	4			
		X2053A-R6 DISK/TAPE Dual Port 4Gb	Op - LC	7.2 10.0.1	5.0	3	3	4	4	4	1			3	3	4	4	4	1	1	1
		X2054A-R6 DISK/TAPE Quad Port 4Gb	Op - LC	7.2.2	5.2	5	5	4	4	4	1	5	3	1	5	5	4	4	4	3	3
		X2054B-R6 DISK/TAPE Quad Port 4Gb	Op - LC	7.2.3	-	5	5	4	4	4		5	3								
		X2055A-R6 DISK Dual Port 4Gb	Op - LC	7.2 10.0.1	5.0	5	5	4	4	4	1	5	3	1	5	5	4	4	4		
		X2052A-R5 DISK/TAPE Quad Port 4Gb	Op - LC	7.2.1	-	3	3														
ETHERNET	PCIe	X1006A-R5 TOE Quad Port GbE	Cu – RJ45	7.2.1	-	5	5	4	4	4		5	3		5	5	4	4	4		
		X1008A-R6 TOE Dual Port 10GbE	Op - LC	7.2.3 10.0.3	-	5	5	4	4	4		5	3		5	5	4	4	4		
		X1038A-R6 NIC Dual Port GbE	Op - LC	7.2	-	5	5	4	4	4	1	5	3	1	5	5	4	4	4		
		X1039A-R6 NIC Dual Port GbE	Cu – RJ45	7.2 10.0.1	-	5	5	4	4	4	1	5	3	1	5	5	4	4	4		
		X1049A-R6 NIC Quad Port GbE	Cu – RJ45	7.2.1 10.0.1	-	5	5	4	4	4	1	5	3		5	5	4	4	4		
		X1106A-R5 NIC Single Port 10GbE	Op - LC	7.3.2	-					1											
		X1129A-R5 iSCSI Dual Port GbE	Cu – RJ45	7.2.1	-	5	5	4	4	4	1		3		5	5	4	4	4		
		X1136A-R5 iSCSI Dual Port GbE	Op - LC	7.2.1	-	5	5	4	4	4	1		3		5	5	4	4	4		
	PCI-X	X1005A-R5 TOE Single Port 10GbE	Op - LC	7.2 10.0.1	-	2	2					2			2	2					
		X1007A-R5 TOE Quad Port GbE	Cu – RJ45	7.2	-	2	2					2			2	2					
		X1029B-R5 iSCSI Dual Port	Cu – RJ45	7.2	-	3	3								3	3					
		X1036B-R5 iSCSI Dual Port	Op - LC	7.1.1	-	3	3								3	3					
		X1047B-R6 NIC Quad Port GbE	Op - LC	7.2.1 7.1.2	-	3	3								3	3					

Please refer to the NOW™ [System Configuration Guide](#) for proper platform and expansion slot assignment information.

Not Supported Supported (# - max per controller)



NetApp Hardware Universe – RC-0034-0909 – Side B – 2009-09-18

Adapter Cards

		Part Number	Media	Data ONTAP (min release)	VTL O/S (min release)	Fabric-Attached Storage						SA Systems			V-Series					NearStore® VTL		
						6080	6040	3170	3160	3140	2050	600	300	200	6080	6040	3170	3160	3140	1400	700	300
SAS / SCSI	PCIe	X2028A-R6 TAPE Dual SCSI-LVD/SE	Cu - 68p VHDCI	7.2	-	3	3	4	4	4	1				3	3	4	4	4			
		X2062A-R6 SAS, 2-Port, 3Gb	Cu - miniSAS	7.3.2	-						1				1							
		X2065A-R6 SAS, 4-Port, 3Gb	Cu - QSFP	7.3.2	-	5	5	4	4	4		5	3		5	5	4	4	4			
	PCI-X	X2027B-R5 TAPE Dual SCSI-LVD/SE	Cu - 68p VHDCI	7.0.5	4.1	3	3								3	3						
OTHER	PCIe	X1124A-R6 SnapMirror®/Fibre Channel 4Gb	Op - LC	7.2.2	-	2	2	1	1	1	1				2	2	1	1	1			
		X1139A-R6 CNA Dual-Port 10Gb	Op - LC	7.3.2	-	5	5	4	4	4	1				5	5	4	4	4			
		X1140A-R6 CNA Dual-Port 10Gb	Cu - SFP+	7.3.2	-	5	5	4	4	4	1				5	5	4	4	4			
		X1300A-R5 Hardware Compression NIC	-	-	5.0															2	2	1
		X1926A-R6 MetroCluster FC-VI 4Gb	Op - LC	7.2.3	-	1	1	1	1	1					1	1	1	1	1			
		X1936A-R5 PAM Cache Card - 16GB	-	7.3	-	5	5	4	2	2		5	2		5	4	4	2	2			
		X1937A-R5 PAM II Cache Card - 256GB	-	7.3.2	-				2	1								2	1			
		X1938A-R5 PAM II Cache Card - 512GB	-	7.3.2	-	4	2	2							4	2	2					
		X3147-R5 NVRAM6 512MB	Cu – IB4X	7.2 10.0.2	-		1						1			1						
		X3148-R5 NVRAM6 2GB	Cu – IB4X	7.2 10.0.1	-	1						1			1							
	PCI-X	X1024-R5 SnapMirror®/Fibre Channel 2Gb	Op - LC	6.5	-	2	2															

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Not Supported Supported (# - max per controller)

Terms and Abbreviations

CNA – Converged Network Adapter
Cu – Copper Connector
FC – Fibre Channel
FCP – Fibre Channel Protocol
GbE – Gigabit Ethernet
IB4X – InfiniBand 4X
LC – Lucent Connector
NIC – Network Interface Card
NVRAM – Non-Volatile RAM
Op – Optical (connector)
PAM – Performance Acceleration Module
TOE – TCP Offload Engine
VTL – Virtual Tape Library

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