



QLogic SAN Express Reference Card

QLogic® makes designing storage area networks (SANs) simple. Just follow the easy reference sheet below to find certified QLogic SAN Express host bus adapters (HBAs) and switches for your SAN. Powered by QLogic®, fully tested and certified, the following certification information has been gathered from the leading SAN providers listed below. For detailed interoperability information, see the QLogic SAN Interoperability Guide at <http://connect.qlogic.com/interopguide/info.asp>.

QLogic SANblade® Express 200 HBAs (2Gb) (QLA®2xx) Quick Certification Guide

Partner	Certification	Operating System
Brocade	SilkWorm 200E. 3000, 3200, 3250, 3800, 3850, 3900, 4100, 4900, 7500, 12000, 24000, 48000, AP7420	Windows
CommVault	QiNetix Suite, Simpna Software Suite	Linux, NetWare, Windows
Computer Associates	BrightStor ARCserve Backup	Windows
Dell	Dell/EMC CLARiiON AX100 Single Host	NetWare, Red Hat Linux, SuSE Linux, Windows
Dot Hill	SANnet II FC-FC, SANnet II FC-SATA	AIX, Asianux, HP-UX, MontaVista Linux, Red Hat Linux, Solaris, SuSE Linux, Windows
EMC	EMC CLARiiON AX100	NetWare, Red Hat Linux, Solaris, SuSE Linux, Windows
	SAN Connectivity Kit for EMC CLARiiON AX100	Partner Specified
	CDW Qualified	Partner Specified
Fujitsu Computer Systems	Fujitsu PRIMERGY Server, ETERNUS3000 Model 100	Linux, Windows
Hewlett-Packard	HP ProLiant Servers: DL140 G2, G3; DL145 G2; DL320 G4, G5; GL360 G4, G4p, G5; DL365; DL380 G4, G5; DL385; DL580 G3, G4; DL585; DL585 G2; DL740; DL760 G2; ML350 G4, G4p, G5; ML370 G4, G5; ML570 G3, G4	Red Hat Linux, SuSE Linux, Windows
	HP Storage: MSA1000	Red Hat Linux, SuSE Linux, Windows
	HP StorageWorks MSA1000 Small Business SAN Kit, HP StorageWorks MSA1000 Small Business SAN HA Kit	Windows
Hitachi Data Systems	TagmaStore Adaptable Modular Storage (AMS), TagmaStore Workgroup Modular Storage (WMS), HDS Simple SAN Kit (HDS-SMB-KIT)	Windows
IBM	IBM ServerProven® Qualified	Partner Specified
	IBM Tape Drives	NetWare, Red Hat Linux, Solaris, SuSE Linux, VMware, Windows
Infotrend	A08F-G1A2, A12F-G1A2, A08F-G2221, A16F-G2221, A12F-G2221, A16F-G2422, A16F-R2221, A24F-G2224, A24F-R2224, F12F-G2A2, F16F-R2021, F16F-S2021, FF-R2021-4, FF-R2021-6, FF-S2021-4, FF-S2021-6, S12F-G1420, S12F-R1420	Red Hat Linux, Windows
LSI/Engenio	Engenio Software	SuSE Linux, Windows
Nexsan	ATABeast, ATABoy2F, ATABoy2X, SATABeast, SATABlade, SATABoy	Solaris, Windows
Pillar	Pillar Axiom 300, 500	Solaris, Windows
Promise	VTrak M200f, VTrak M300f, VTrak500f	Linux, Mac OS, Solaris, Windows
	Promise Technology Simple SAN for SMB Kit (VTrak M200f, VTrak M300f)	Windows
Quantum	ADIC Scalar 24, Scalar i2000	Windows
	ADIC Scalar i500	Red Hat Linux, Windows
StoreVault	StoreVault S500, StoreVault Fibre Channel SAN Starter Kit	Partner Specified
Sun Microsystems	Sun Fire Servers: V20z, V40z, X4100, X4200	Partner Specified
	StorageTek 3510/3511 Disk Array	NetWare, Red Hat Linux, Solaris, SuSE Linux
	StorageTek 6140 Disk Array	Red Hat Linux, SuSE Linux, VMware ESX
	StorageTek Tape Libraries: C2 FC Autoloader, C4 FC, L180 FC, L700/L1400 FC, SL24 FC Autoloader, SL48 FC, SL500 FC Modular System	Red Hat Linux, Solaris, Windows
	StorageTek SL8500 FC Modular Library System	Solaris
	StorageTek Tape Drive Type: 9840A/B/C; StorageTek 9940A/B; HP LTO-1/2/3 2Gb, 4Gb; IBM LTO-1/2/3 2Gb, 4Gb; SDLT600; T10000	Red Hat Linux, Solaris, Windows
	StorageTek Tape Drive Type: S4	Solaris, Windows
	StorageTek Tape Drive Type: VTL Plus, 1140, 2540, 3540	Red Hat Linux, Windows
Symantec/VERITAS	Backup Exec	Windows
	NetBackup Enterprise Server, NetBackup Server	Red Hat Linux, SuSE Linux, Windows
Virtual Iron	Virtual Iron Software	Partner Specified
VMware	VMware ESX Server 3.0, 3.0.1	VMware
XenSource	XenEnterprise 3.1, 3.2, 4.0	Partner Specified
Xyratex	RS-1600/2-F4-SBD (also known as RS-1600/2-F4), RS-1600/2-FC-SBD (also known as RS-1600/2-FC, RS-1600-FC)	Partner Specified

QLogic SANblade® Express 200 HBAs (4Gb) (QLE®2xx) Quick Certification Guide

Partner	Certification	Operating System
Hewlett-Packard	HP StorageWorks MSA1000 Small Business SAN G2 Kit, HP StorageWorks MSA1000 Small Business SAN HA Upgrade	Linux, Windows
	G2 Kit	
Quantum	ADIC Scalar 24, Scalar i2000	Windows
	ADIC Scalar i500	Red Hat Linux, Windows
StoreVault	StoreVault S500, StoreVault Fibre Channel SAN Starter Kit	Partner Specified
XenSource	XenEnterprise 3.1, 3.2, 4.0	Partner Specified

QLogic SANbox® Express 1400 Switch Quick Reference Guide

Partner	Certification	Operating System
AdventNet	ManageEngine OpStor 5, HBA Agent	Linux, Windows
Apple	Xserv RAID	Linux, Mac OS X, Solaris, Windows
	Xsan	Mac OS X
Brocade	FC-SW-2 Compliant, Brocade Native Fabric: SilkWorm 200E, 3200, 3250, 3800, 3850, 3900, 4100, 12000, 24000, 48000	Operating System Independent
Cisco	FC-SW-2 Compliant: MDS 9020, 9120, 9140, 9216, 9216a, 9216i, 9506, 9509	Operating System Independent
Computer Associates	BrightStor ARCserve Backup	Windows
DataCore	SANmelody, SANsymphony	Operating System Independent
Dell	Dell/EMC CLARiiON AX100 Single Host	NetWare, Red Hat Linux, SuSE Linux, Windows
	Dell/EMC CLARiiON CX200, CX300, CS400, CX500, CX600, CX700 Base Connectivity	NetWare, Red Hat Linux, Solaris, SuSE Linux, VMware, Windows
Dot Hill	SANnet II FC-FC, SANnet II FC-SATA	AIX, Asianux, HP-UX, MontaVista Linux, Red Hat Linux, Solaris, SuSE Linux, Windows
EMC	EMC CLARiiON, EMC CLARiiON AX100	NetWare, Red Hat Linux, Solaris, SuSE Linux, Windows
EqualLogic	PS100E Storage Array	Red Hat Linux
Fujitsu Computer Systems	Fujitsu PRIMERGY Server, ETERNUS3000 Model 100	Linux, Windows
Hewlett-Packard	HP StorageWorks MSA1000 Small Business SAN G2 Kit, HP StorageWorks MSA1000 Small Business SAN HA Kit	Linux, Windows
Hitachi Data Systems	TagmaStore Adaptable Modular Storage (AMS), TagmaStore Workgroup Modular Storage (WMS), HDS Simple SAN Kit (HDS-SMB-KIT)	Windows
IBM	For SANbox 140x, IBM System Storage Proven Qualified: DS3000, DS4000 (FASi), IBM Tape, System i, System p, System x, BladeCenter	Operating System Independent
	For IBM System Storage SAN 10Q-2 (QLogic SANbox 1404): DS3000, DS4000 (FASi), IBM Tape, System i, System p, System x, BladeCenter	Operating System Independent
	IBM System Storage SAN Starter Kit, IBM System Storage SAN Starter Kit with Optional HDDs	Operating System Independent

QLogic SANbox® Express 1400 Switch Quick Reference Guide, continued

Partner	Certification	Operating System
Infortrend	A08F-G2221, A12F-G2221, A16F-G2221, A16F-R2221, A16F-G2422, A24F-G2224, A24F-R2224, F16F-R2A2, FF-R2021-4, FF-R2021-6, FF-S2021-4, FF-S2021-6, S12F-G1420, S12F-R1420	Operating System Independent
iQstor	iQ2280 (4Gb FC-SATA2), iQ2880 (4Gb FC-FC)	Linux, Windows
LeftHand Networks	Network Storage Module (NSM 100), NSM 150	Red Hat Linux
LSI/Engenio	Engenio Software	AIX, HP-UX, IRIX, NetWare, Red Hat Linux, SuSE Linux, Solaris, Windows
McDATA	FC-SW-2 Compliant: Sphereon 3232, Sphereon 4300, Sphereon 4400, Sphereon 4700, Intrepid 6064 Director, Intrepid 6140 Director, Intrepid 10000 Director	Operating System Independent
NetApp	Overland Fibre Channel TapeSAN	Data ONTAP
Nexsan	ATABeast, ATABoy2F, ATABoy2X, SATABeast, SATABlade, SATABoy	Operating System Independent
Overland	ULTAMUS Series	Red Hat Linux, SuSE Linux, VMware, Windows
Pillar	Axiom 300, Axiom 500	Operating System Independent
Promise	VTrak M200f, VTrak M300f, VTrak M500f	Linux, Mac OS, NetWare, Solaris, Windows
	Promise Technology Simple SAN for SMB Kit (VTrak M200f, VTrak M300f)	Windows
StoreVault	StoreVault S500, StoreVault Fibre Channel SAN Starter Kit	Operating System Independent
Sun Microsystems	StorageTek Tape Drive Type: HP LTO-3 FC 4Gb, IBM LTO-3 FC 4Gb	Red Hat Linux
Symantec/VERITAS	Backup Exec	Windows
	NetBackup Enterprise Server, NetBackup Server	Operating System Independent
Virtual Iron	Virtual Iron Software	Operating System Independent
Xyratex	RS-1220-F4-5402 (also known as F5402E, FS5402E), RS-1600/2-F4-SBD (also known as RS-1600/2-F4), RS-1600/2-FC-SBD (also known as RS-1600/2-FC, RS-1600-FC)	Operating System Independent

QLogic SANbox 3050 Entry-Level Switch Quick Reference Guide

Partner	Certification	Operating System
AdventNet	ManageEngine OpStor 5, HBA Agent	Linux, Windows
CommandSoft	SwitchMaster Software	Operating System Independent
CommVault	QNetix Suite	AIX, Solaris, Windows
	Simpana Software Suite	AIX, Linux, NetWare, Solaris
Computer Associates	BrightStor ARCserve Backup	AIX, HP-UX, Linux, NetWare, Solaris, Tru64, Windows
	BrightStor Enterprise Backup	AIX, HP-UX, Solaris, Tru64, Windows
DataCore	SANmelody, SANsymphony	Operating System Independent
Dot Hill	SANnet II FC-FC, SANnet II FC-SATA	AIX, Asianux, HP-UX, MontaVista Linux, Red Hat Linux, Solaris, SuSE Linux, Windows
EMC	AlphaStor, NetWorker, SmartMedia, SAN Connectivity Kit for EMC CLARiiON AX100	Operating System Independent
Hewlett-Packard	HP StorageWorks Modular Smart Array 1000 (MSA1000) Small Business SAN Kit, HP StorageWorks Modular Smart Array 1000 (MSA1000) Small Business SAN HA Kit	Windows
LSI/Engenio	Engenio Software	AIX, HP-UX, IRIX, NetWare, Red Hat Linux, SGI Linux, Solaris, SuSE Linux, Windows
NetApp	NetApp Storage Systems: F825, F880, FAS270, FAS920, FAS940, FAS960, FAS980, FAS2020, FAS2050, FAS3020, FAS3040, FAS3040, FAS3050, FAS3070, FAS6030, FAS6070, GF920, GF940, GF960, GF980, R100, R150, R200, V3020, V3040, V3050, V3070, V6030; Overland Fibre Channel TapeSAN	Data ONTAP
Quantum	ADIC Scalar 24, Scalar 10K	Solaris, Windows
	ADIC Scalar 100, Scalar i500	AIX, HP-UX, Red Hat Linux, Solaris, Windows
	ADIC Scalar i2000	HP-UX, Red Hat Linux, Windows
	ADIC PathLight VX	Red Hat Linux, Windows
SANRAD	StoragePro Software, V-Switch Software	Red Hat Linux, Solaris, SuSE Linux, Windows
Sun Microsystems	StorageTek 6130 Disk Array	Operating System Independent
	StorageTek Tape Drive Type: 9840A/B/C; 9940A/B	HP-UX, NetWare, Red Hat Linux, Solaris, Windows
	StorageTek Tape Drive Type: HP LTO-1/2/3 2Gb, 4Gb; IBM LTO-1/2/3 2Gb, 4Gb; SDLT600; T10000 2Gb, 4Gb	HP-UX, Red Hat Linux, Solaris, Windows
	StorageTek Tape Drive Type: VTL Plus, 3540 HA	HP-UX
	StorageTek Tape Drive Type: HP LTO-1/2; IBM LTO-1/2	NetWare
	StorageTek Tape Drive Type: S4	Solaris, Windows
Symantec/VERITAS	Backup Exec	Windows
	NetBackup Enterprise Server, NetBackup Server	Operating System Independent
	Storage Foundation and High Availability Solutions	AIX, HP-UX, Red Hat Linux, Solaris, SuSE Linux
Virtual Iron	Virtual Iron Software	Operating System Independent

QLogic SAN Express Kit Quick Reference Guide

SAN Express Kit	Major Components
QLogic 2Gb SAN Express Starter Kit 1000	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400
SAN Connectivity Kit for EMC CLARiiON AX100	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 3050
HDS-SMB-KIT	Qty 2 - QLogic QLA210, Qty 1 - QLogic SANbox 1400
HP StorageWorks MSA1000 Small Business SAN Kit	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 3050, Qty 1 - HP MSA1000 Enclosure with Controller
HP StorageWorks MSA1000 Small Business SAN HA (High Availability) Kit (This upgrade adds network and RAID controller redundancy to the HP StorageWorks MSA1000 Small Business SAN Kit.)	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 3050, Qty 1 - HP MSA1000 Controller
HP StorageWorks MSA1000 Small Business SAN G2 Kit	Qty 2 - QLogic QLE220, Qty 1 - QLogic SANbox 1404, Qty 1 - HP MSA1000 Enclosure with Controller
HP StorageWorks MSA1000 Small Business SAN HA Upgrade G2 Kit (This upgrade adds network and RAID controller redundancy to the HP StorageWorks MSA1000 Small Business SAN G2 Kit.)	Qty 2 - QLogic QLE220, Qty 1 - QLogic SANbox 1404, Qty 1 - HP MSA1000 Controller
IBM System Storage DS4100 SAN Express Kit	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400, Qty 1 - IBM TotalStorage DS4100
IBM System Storage DS4300 SAN Express Kit	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400, Qty 1 - IBM TotalStorage DS4300
IBM System Storage SAN Starter Kit	Qty 1 - IBM DS400 Dual Controller Express Model, Qty 1 - IBM System Storage SAN10Q-2 Switch (QLogic SANbox 1404)
IBM System Storage SAN Starter Kit with Optional HDDs	Qty 1 - QLogic 2Gb SAN Express Starter Kit 1000 (includes Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400); Qty 6 - IBM 146.8GB 10K rpm Ultra320 SCSI HDD
IBM System Storage DS4300 SAN Express Kit	Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400, Qty 1 - IBM TotalStorage DS4300
Promise Technology Simple SAN for SMB Kit	Available Solution Bundles: • Qty 1 - QLogic 2Gb SAN Express Starter Kit 1000 (includes Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400); Qty 1 - Promise VTrak M300f RAID Storage System; Qty 8 - Seagate NL 35.2 (250GB) SATA Drives • Qty 1 - QLogic 2Gb SAN Express Starter Kit 1000 (includes Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400); Qty 1 - Promise VTrak M200f RAID Storage System, Qty 12 - Seagate NL 35.2 (500GB) SATA Drives • Qty 1 - QLogic 2Gb SAN Express Starter Kit 1000 (includes Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400); Qty 1 - Promise VTrak M200f RAID Storage System • Qty 1 - QLogic 2Gb SAN Express Starter Kit 1000 (includes Qty 2 - QLogic QLA200, Qty 1 - QLogic SANbox 1400); Qty 1 - Promise VTrak M300f RAID Storage System
StoreVault Fibre Channel SAN Starter Kit	Qty 1 - StoreVault S500 (with factory installed QLogic QLA2342 target), Qty 1 - QLogic SANbox 1404, Qty 1 - QLogic QLA210 or QLE220 for connecting host servers to the SAN

QLogic Product Ordering Information

Model Number	Description
SB1400	QLogic SANbox Express 1400 Fibre Channel Switch (8-Port, 2Gb Fibre Channel Switch)