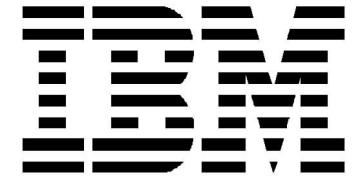


Host Bus Adapter Supported Fibre Versions Matrix

Last updated June 25, 2002



↓ [Unix Based HBAs](#)

↓ [Intel Based HBAs](#)

[Download](#) the latest IBM Supported Device Drivers.

Host Bus Adapter Supported Fibre Versions Matrix - Unix Based

Operating Systems	Unix Platforms	ESS	FAStT	TAPE***	Drivers and Firmware
AIX					
IBM AIX 4.3.3	RS/6000 & SP	6227, 6228	6227, 6228	6227, 6228	6227 Firmware: v3.22A1 6228 Firmware: v3.82A1 Driver: 4.3.3 + ptfs
IBM AIX 5.1	RS/6000 & SP	6227, 6228	6227, 6228	6227, 6228	6227 Firmware: v3.22A1 6228 Firmware: v3.82A1 Driver: 5.1 + ptfs
HP					
HP 11.0	D Class	A3591B (Direct attach only), A6684A	Not Available	Not Available	Driver: B.11.00.06 + PHKLs
	K Class	A3404A(Direct attach only), A6685A	Not Available	Not Available	Driver: B.11.00.AA + PHKLs
	L/N/V Class	A5158A	A5158A	A5158A (Native Fibre only)	Driver: B.11.00.10 + PHKLs
HP 11i	L/N/V Class	A5158A	A5158A	A5158A (Native Fibre only)	Driver: B.11.11.09 + PHKLs
SUN PCI					
Solaris 2.6, 7, 8	w/Emulex HBAs	LP8000	Not Available	LP8000, LP9002L	Firmware: v3.82A1 Driver: v4.21e
Solaris 2.6, 7, 8	w/QLogic HBAs	QLA2200F	Not Available	QLA2200F	Driver: v3.16 FCode: 1.17

Solaris 2.6, 7, 8	w/JNI HBAs	FCI-1063	FCI-1063, FCE-6460, FCE-6410, FCE2-6412	FCE-6460(See note 6)	FCI-1063 Driver: v2.5.18 FCE(2)-6410(12) Driver: 4.1 FCE-6460 Driver: 5.1.1
SUN SBUS					
Solaris 2.6, 7, 8	w/Emulex HBAs	LP8000S	Not Available	LP8000S, LP9002S	Firmware: v3.82A1 Driver: v4.21e
Solaris 2.6, 7, 8	w/QLogic HBAs	Not Available	Not Available	Not Available	
Solaris 2.6, 7, 8	w/JNI HBAs	FC64-1063	FC64-1063, FCE-1473, FCE-1063, FCE2-1063	FCE-1473(See note 6)	FC64-1063 Driver: v2.5.18 Fcode: 13.5.7 FCE-1473 Driver: 5.1.1 Fcode: 3.8.9 FCE(2)-1063 Driver: 4.1
OS/400					
V5R1 or later	270, 820, 830, 840	FC 2766	Not Supported	FC 2765	Driver: Native Device Driver via OS/400
Compaq Tru64					
4.0F/G, 5.0A, 5.1	Alpha Servers	KGPSA-BC, KGPSA-CA	Not Available	KGPSA-CA (5.1A only)	Driver: Native Device Driver via Tru64

Notes:

***AIX component versions:**

- AIX 4.3.3 - Maintenance Level 9 w/ new ptf's
- AIX 5.1 - Maintenance Level 2 w/new ptf's

****HP patches:**

- Tape: [Manual for PHKLs\(Patches\)](#)

*****Tape Product Information:**

- [Enterprise Tape Drive 3590B & E](#) SCSI w/ 2108 SDG
- [Enterprise Tape Drive 3590E & H](#) Native Fibre
- [LTO 3584](#) w/Native Fibre Tape Drive
- [LTO 3583](#) Integrated Router

******Support Restrictions:**

- 1) Windows LP9002L - Brocade fabric only. See [ESS Supported Servers Manual](#)
- 2) Non-clustered Windows 2000 with QLA2100F: use 7.05.02 and driver 8.00.08 for a clustered environment
 - 2.1) Qlogic 2100F is not supported with a McData switch. See [ESS Supported Servers Manual](#)
 - 2.2) QLA2300F - Brocade fabric only. See [ESS Supported Servers Manual](#)

- [LTO 3580, 3581, 3583, 3584](#) SCSI w/ 2108 SDG

3) Novell LP9002L - Direct attach only. See [ESS Supported Servers Manual](#)

*******Shark Product Information:**

- [Shark Supported Servers Page](#)

4) IOC-0210-54 - FAStT200 only with 4.4.10, 4.5.3, 4.6.1.

5) QLA2200F - Support not available on Novell Netware 6.0.

6) FCE-1473 and FCE-6460 - Brocade fabric only.

IBM Supported Device Driver Downloads

- [FAStT Storage Manager 7.10 Supported Drivers](#)
- [FAStT Storage Manager 8.2 Supported Drivers](#)
- [Emulex](#)
- [JNI](#)
- [QLogic](#)

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Host Bus Adapter Supported Fibre Versions Matrix - Intel Based

Operating Systems	Intel Platforms	ESS	FAStT	TAPE***	Drivers and Firmware
DYNIX					
IBM DYNIX 4.4.7, 4.4.8, 4.4.9, 4.4.10	NUMA-Q 1000, 2000	IOC-0210-54	IOC-0210-54 (See note 4)	Not Available	Firmware: SF3.2.2a
IBM DYNIX 4.5.1	NUMA-Q 1000, 2000	IOC-0210-54	Not Available	IOC-0210-54 (3590E Only)	Firmware: SF3.2.2a
IBM DYNIX 4.5.2, 4.5.3	NUMA-Q 1000, 2000	IOC-0210-54	IOC-0210-54 (See note 4)	IOC-0210-54 (3590E Only)	Firmware: SF3.2.2a
IBM DYNIX 4.6.1	NUMA-Q 1000, 2000	IOC-0210-54	IOC-0210-54 (See note 4)	Not Available	Firmware: SF3.2.2a
MS Windows					
NT 4.0	w/Emulex HBAs	LP7000E, LP8000, LP9002L (See note 1)	Not Available	LP8000, LP9002L	Firmware: v3.82A1 Driver: v4-2.12a1 LP7000E Driver: v5-1.27A5

	w/QLogic HBAs	QLA2100F, QLA2200F, QLA2310F/FL, QLA2300F(See note 2)	Not Available	QLA2100F (w/2108 SDG only), QLA2200F	QLA2100F Driver: 7.05.02 Bios: 1.37 QLA2200F Driver: v8.1.4.60 Bios: 1.76 QLA2310F/FL Driver: 8.1.4.60 Bios: 1.17 QLA2300F Driver: 8.00.08 Bios: 1.17
	w/IBM HBAs	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	Driver: v8.1.4.60 FC 2102 Bios: 1.76 FC 2103 Bios: 1.16
Windows 2000	w/Emulex HBAs	LP7000E, LP8000, LP9002L (See note 1)	Not Available	LP8000, LP9002L	Firmware: v3.82A1 Driver: v5-2.12a1 LP7000E Driver: v5-1.27A5
	w/QLogic HBAs	QLA2100F, QLA2200F, QLA2310F/FL, QLA2300F(See note 2)	Not Available	QLA2100F (w/2108 SDG only), QLA2200F	QLA2100F Driver: 7.05.02 Bios: 1.37 QLA2200F Driver: v8.1.4.60 Bios: 1.76 QLA2310F/FL Driver: 8.1.4.60 Bios: 1.17 QLA2300F Driver: 8.00.08 Bios: 1.17
	w/IBM HBAs	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	Driver: v8.1.4.60 FC 2102 Bios: 1.76 FC 2103 Bios: 1.16
Novell Netware					
Netware 4.2, 5.0, 5.1	w/Emulex HBAs	LP9002L (See note 3)	Not Available	Not Available	Driver: 2.10d
4.2, 5.0, 5.1, 6.0	w/QLogic HBAs	QLA2200F(See note 5), QLA2310FL	Not Available	Not Available	Driver: v6.50q
5.1, 6.0	w/IBM FAStT HBAs	Not Available	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	Driver: v6.50p
Linux					
Red Hat 7.1	Kernel 2.4.9 (2.4.2-2 w/Tape only)	QLA2300F	Not Available	QLA2200F (Direct attach only)	QLADriver: v4.27 beta

Red Hat 7.1	Kernel 2.4.9-21	Not Available	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	FC 210x Driver: 5.38.6
Red Hat 7.2	Kernel 2.4.9-21	Not Available	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	FC 210x Driver: 5.38.6
Red Hat 7.2	Kernel 2.4.9-31 32bit & 64bit	Not Available	Not Available	QLA2200F (Direct attach only w/3590)	QLADriver: v4.27 beta
SUSE 7.2	Kernel 2.4.9	QLA2300F	Not Available	Not Available	QLADriver: v4.27 beta
SUSE 7.3	Kernel 2.4.10	Not Available	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	FC 210x Driver: 5.38.6
TurboLinux 7.0	Kernel 2.4.9-3	Not Available	P/N 00N6881 (FC2102), P/N 19K1246 (FC2103)	Not Available	FC 210x Driver: 5.38.6

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