

IBM TotalStorage™ FAStT Compatibility Matrix

Select Hardware Compatibility



Select Software Compatibility



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FAST 500 Supported Operating Systems by Server

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Storage Manager | High Availability | Hardware Details

June 2002

	IBM		Compaq	Dell	HP		SUN	
	xSeries	pSeries	Proliant	PowerEdge	NetServer	PA-RISC	Fire	Enterprise
MS Windows NT 4.0 ¹	✓							
MS Windows 2000 Server ²	✓		✓	✓	✓			
MS Windows 2000 Adv. Server ²	✓		✓	✓	✓			
Novell Netware 5.1, 6.0	✓		✓	✓	✓			
Red Hat Linux 7.1, 7.2 ³	✓		✓	✓	✓			
SuSE Linux 7.3	✓							
Turbo Linux 7.0	✓							
IBM AIX 4.3.3, 5.1		✓						
HP UX 11, 11i						✓		
Sun Solaris 2.6, 7, 8							✓	✓

1. Microsoft Windows NT v4 with Service Pack 6a
2. Microsoft Windows 2000 Server & Advanced Server with Service Pack 2
3. Red Hat with Linux kernel 2.4.9-21

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	IBM		Compaq	Dell	HP		SUN	
	xSeries	pSeries	Proliant	PowerEdge	NetServer	PA-RISC	Fire	Enterprise
MS Windows NT 4.0 ¹	✓							
MS Windows 2000 Server ²	✓		✓	✓	✓			
MS Windows 2000 Adv. Server ²	✓		✓	✓	✓			
Novell Netware 5.1, 6.0	✓		✓	✓	✓			
Red Hat Linux 7.1, 7.2 ³	✓		✓	✓	✓			
SuSE Linux 7.3	✓							
Turbo Linux 7.0	✓							
IBM AIX 4.3.3, 5.1								
HP UX 11, 11i								
Sun Solaris 2.6, 7, 8								

1. Microsoft Windows NT v4 with Service Pack 6a
2. Microsoft Windows 2000 Server & Advanced Server with Service Pack 2
3. Red Hat with Linux kernel 2.4.9-21

FAStT 200 Supported Operating Systems by Server

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	IBM			Compaq	Dell	HP		SUN	
	xSeries	pSeries	Numa	Proliant	PowerEdge	NetServer	PA-RISC	Fire	Enterprise
MS Windows NT 4.0 ¹	✓			✓	✓	✓			
MS Windows 2000 Server ²	✓			✓	✓	✓			
MS Windows 2000 Adv. Server ²	✓			✓	✓	✓			
Novell Netware 5.1, 6.0	✓			✓	✓	✓			
Red Hat Linux 7.1, 7.2 ³	✓			✓	✓	✓			
SuSE Linux 7.3	✓								
Turbo Linux 7.0	✓								
IBM Dynix 4.4.10, 4.5.3, 4.6.1			✓						
IBM AIX 4.3.3, 5.1		✓							
HP UX 11, 11i							✓		
Sun Solaris 2.6, 7, 8								✓	✓

1. Microsoft Windows NT v4 with Service Pack 6a
2. Microsoft Windows 2000 Server & Advanced Server with Service Pack 2
3. Red Hat with Linux kernel 2.4.9-21

FASTt 500 Supported HBA's by Server

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June 2002

	IBM		Compaq	Dell	HP		SUN	
	xSeries	pSeries	Proliant	PowerEdge	NetServer	PA-RISC	Sun Fire	Enterprise
IBM FASTt	✓			✓	✓			
IBM FASTt FC-2	✓							
IBM FC 6227		✓						
IBM FC 6228		✓						
Compaq 64bit/66MHz			✓					
HP D8602B					✓			
HP A3740						✓		
HP A3591B						✓		
HP A5158A						✓	✓	✓
JNI FC64-1063-N							✓	✓
JNI FCE-1063							✓	✓
JNI FCE2-1063							✓	✓
JNI FCE-1473							✓	✓
JNI FCI-1063-N							✓	✓
JNI FCE-6410							✓	✓
JNI FCE-6460							✓	✓
JNI FCE2-6412							✓	✓
Qlogic QLA2200F ¹	✓			✓	✓			
Qlogic QLA2300F ²	✓							

1. Qlogic adapters are only supported if used in conjunction with IBM FASTt BIOS and Device Driver.
2. Qlogic adapters are only supported if used in conjunction with IBM FASTt FC-2 BIOS and Device Driver.

FASTt 700 Supported HBA's by Server

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	IBM		Compaq	Dell	HP		SUN	
	xSeries	pSeries	Proliant	PowerEdge	NetServer	PA-RISC	Sun Fire	Enterprise
IBM FASTt	✓			✓	✓			
IBM FASTt FC-2	✓							
IBM FC 6227								
IBM FC 6228								
Compaq 64bit/66MHz			✓					
HP D8602B					✓			
HP A3740								
HP A3591B								
HP A5158A								
JNI FC64-1063-N								
JNI FCE-1063								
JNI FCE2-1063								
JNI FCE-1473								
JNI FCI-1063-N								
JNI FCE-6410								
JNI FCE-6460								
JNI FCE2-6412								
Qlogic QLA2200F ¹	✓			✓	✓			
Qlogic QLA2300F ²	✓							

1. Qlogic adapters are only supported if used in conjunction with IBM FASTt BIOS and Device Driver.
2. Qlogic adapters are only supported if used in conjunction with IBM FASTt FC-2 BIOS and Device Driver.

FASTt 200 Supported HBA's by Server

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May 2002

	IBM			Compaq	Dell	HP		SUN	
	xSeries	pSeries	Numa	Proliant	PowerEdge	NetServer	PA-RISC	Fire	Enterprise
IBM FASTt	✓				✓	✓			
IBM FASTt FC-2	✓								
IBM FC 6227		✓							
IBM FC 6228		✓							
Compaq 64bit/66MHz				✓					
HP D8602B									
HP A3740							✓		
HP A3591B									
HP A5158A							✓		
IOC-0210-54			✓						
JNI FC64-1063-N								✓	✓
JNI FCE-1063								✓	✓
JNI FCE2-1063									
JNI FCE-1473									
JNI FCI-1063-N								✓	✓
JNI FCE-1064									
JNI FCE-6460									
JNI FCE2-6412									
Qlogic QLA2200F ¹	✓				✓	✓			
Qlogic QLA2300F ²	✓								

1. Qlogic adapters are only supported if used in conjunction with IBM FASTt BIOS and Device Driver.
2. Qlogic adapters are only supported if used in conjunction with IBM FASTt FC-2 BIOS and Device Driver.

Supported HBA's by Operating System

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	Microsoft		Novell	Red Hat	SuSE	Turbo	IBM	IBM	HP	Sun
	NT 4.0	2000	Netware 5.1, 6.0	Linux 7.1, 7.2	Linux 7.3	Linux 7.0	Dynix 4.4.10 4.5.3 4.6.1	AIX 4.3.3, 5.1	UX 11, 11i	Solaris 2.6,7,8
IBM FAST	✓	✓	✓	✓	✓	✓				
IBM FAST FC-2	✓	✓	✓	✓	✓	✓				
IBM FC 6227								✓		
IBM FC 6228								✓		
Compaq 64bit/66MHz		✓	✓							
HP D8602B		✓	✓							
HP A3740									✓	
HP A3591B									✓	
HP A5158A									✓	
IOC-0210-54							✓			
JNI FC64-1063-N										✓
JNI FCE-1063										✓
JNI FCE2-1063										✓
JNI FCE-1473										✓
JNI FCI-1063-N										✓
JNI FCE-1064										✓
JNI FCE-6460										✓
JNI FCE2-6412										✓
Qlogic QLA2200F	✓	✓	✓	✓	✓	✓				
Qlogic QLA2300F	✓	✓	✓	✓	✓	✓				

FAStT Supported Interconnects

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	FAStT 200	FAStT 500	FAStT 700
FC Switch	✓	✓	✓
IBM 2109S08	✓	✓	✓
IBM 2109S16	✓	✓	✓
IBM 2109F16	✓	✓	✓
IBM 2032-001/064		✓	✓
IBM 2031-016/032		✓	✓
IBM 2042-001/128		✓	✓
FC Managed Hub			
IBM 3534-1RU	✓	✓	✓

High Availability – Clustering Support by Storage Server

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	FASTt 200	FASTt 500	FASTt 700
Microsoft Cluster Services	✓	✓	✓
Novell Cluster Services	✓	✓	✓
IBM HACMP			
RVSD, GPFS Support			
HP MC/Service Guard	✓	✓	
Solaris 8 with Veritas Cluster Server 1.3	✓	✓	
Veritas Volume Manager 3.2/DMP	✓	✓	

Hardware Details – Intel Based Servers

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IBM Servers		Compaq Servers		HP Servers		Dell Servers	
Netfinity	7600	Proliant	DL380	NetServer	Ip 2000r	PowerEdge	2550
Chipset	SS III HE	Chipset	SS III HE-SL	Chipset	SS III LE	Chipset	SS III HE-SL
BIOS	13	BIOS	P24	BIOS	4.06.19 RB	BIOS	A05
xSeries	X230	Proliant	DL580	NetServer	LT 6000r	PowerEdge	6450
Chipset	SS III LE	Chipset	SS III HE	Chipset	SS III HE	Chipset	SS III HE
BIOS	11	BIOS	P20	BIOS	4.06.43 RL	BIOS	A09
xSeries	X232	Proliant	DL760				
Chipset	SS III HE-SL	Chipset	Intel ProFusion				
BIOS	1.03	BIOS	P46				
xSeries	X240						
Chipset	SS III LE						
BIOS	1.16						
xSeries	X330						
Chipset	SS III LE						
BIOS	1.02						
xSeries	X342						
Chipset	SS HE-SL			Minimum Hardware Server Requirements			
BIOS	1.0			Intel Based	Pentium II 450MHz Processor, 512MB memory		
xSeries	X350			Sun	480MHz Processor, 1GB memory		
Chipset	SS II HE			HP PA-RISC	440 MHz Processor, 1GB memory		
BIOS	1.06						
xSeries	X370						
Chipset	Intel ProFusion						
BIOS	6						

Note: ServerWorks (formally Reliance) ServerSet (SS) chipsets used in most Intel based servers unless otherwise noted