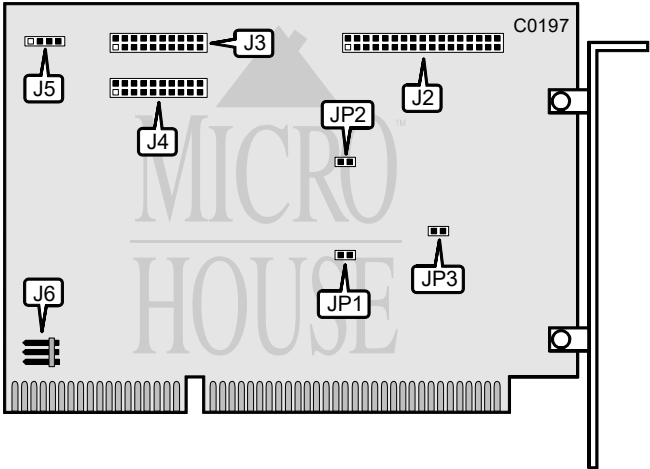


SEAGATE TECHNOLOGY INC.
ST21M, ST21R

Data bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drives supported: Two MFM ST506/ST412 drives (ST21M)
Two RLL ST412 drives (ST21R)
Floppy drives supported: None



CONNECTIONS			
Function		Location	
34-pin control cable connector-hard drive		J2	
20-pin data cable connector-drive 1		J3	
20-pin data cable connector-drive 0		J4	
4-pin connector-drive active LED		J5	
5-pin connector-DC power		J6	

BIOS ENABLE			
Function		Location	Setting
f	BIOS enabled	JP3	open
	BIOS disabled	JP3	closed

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SEAGATE TECHNOLOGY INC. ST21M, ST21R

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I/O AND BIOS ADDRESS			
Hard/Floppy Drive Address	BIOS Addresss	JP1	JP2
1F0-1F7/3F6-3F7h	C8000-CBFFFh	open	open
1F0-1F7/3F6-3F7h	CC000-CFFFFh	open	closed
170-177/376-377h	D8000-DBFFFh	closed	open
170-177/376-377h	DC000-DFFFFh	closed	closed

DRIVE PARAMETERS SUPPORTED BY THE ST21M			
Capacity	Heads	Cylinder	SPT
21.4	4	615	17
32.1	6	615	17
42.5	5	977	17
42.8	6	820	17
44.5	5	1024	17
80.2	9	1024	17
83.9	9	1072	17

DRIVE PARAMETERS SUPPORTED BY THE ST21R			
Capacity	Heads	Cylinder	SPT
21.17	2	667	31
32.7	4	615	26
42.9	4	667	31
49.1	6	615	26
65.5	6	820	26
122.7	9	1024	26
128.4	9	1072	26