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MS-3802

Data bus:	32-bit, VL-bus
Size:	Three/quarter-length, half-height card
Hard drive supported:	Two IDE (AT) interface drives
Floppy drives supported:	Two 360KB, 720KB, 1.2MB or 1.44MB drives

C0664
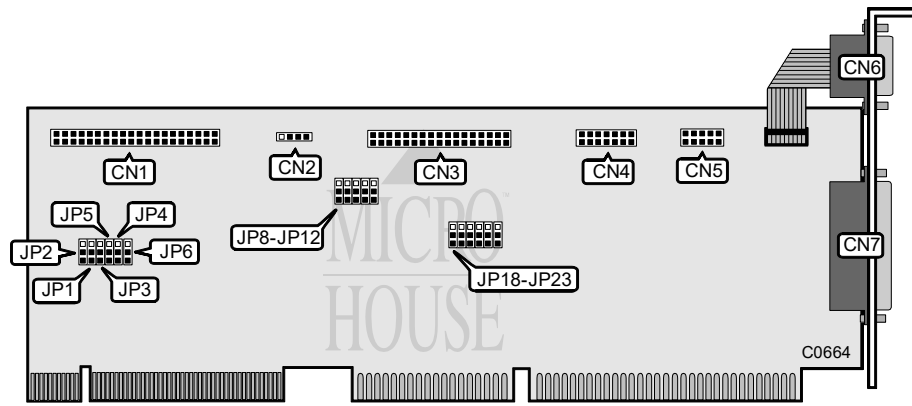
CONNECTIONS	
Function	Location
40-pin IDE (AT) interface connector - port 1	CN1
4-pin connector - drive active LED	CN2
34-pin control cabled connector - floppy drive	CN3
Game port	CN4
10-pin serial port 2 - internal	CN5
9-pin serial port 1 - external	CN6
25-pin parallel port	CN7

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	JP2	Pins 1 & 2 closed
í Factory configured - do not alter	JP6	Pins 1 & 2 closed
í Factory configured - do not alter	JP12	Pins 2 & 3 closed
í Game port enabled	JP23	Pins 1 & 2 closed
Game port disabled	JP23	Pins 2 & 3 closed

HARD DRIVE SPEED		
Speed	JP1	JP3
Low	Pins & 2 closed	Pins & 2 closed
Middle	Pins & 2 closed	Pins & 3 closed
High	Pins & 3 closed	Pins & 3 closed

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HARD DRIVE		
Setting	JP4	JP5
HDD enabled	Pins 1 & 2 closed	Pins 2 & 3 closed
HDD disabled	Pins 2 & 3 closed	Pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION		
COM	JP8	JP9
COM1	Pins 1 & 2 closed	Pins 1 & 2 closed
COM3	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	N/A

SERIAL PORT 2 CONFIGURATION		
COM	JP10	JP11
COM2	Pins 1 & 2 closed	Pins 1 & 2 closed
COM4	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	N/A

BIOS ADDRESS		
Address	JP14	JP15
C800h	Closed	Closed
CC00h	Closed	Open
D800h	Open	Closed
DC00h	Open	Open
Note: The locations of JP14 and JP15 are not specified in manufacturer's documentation.		

FLOPPY DRIVE		
Setting	JP18	J19
Primary drive only enabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Primary and secondary drives enabled	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	N/A

PARALLEL PORT CONFIGURATION			
LPT	JP20	JP21	JP22
LPT1	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
LPT2	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	N/A	N/A