

MICRO-STAR INTERNATIONAL CO., LTD.
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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Speaker	JFM1 pins 7 - 10
Serial port 2	CN2	Turbo LED	JFM1 pins 12 & 13
Parallel port	CN3	Turbo switch	JFM1 pins 15 - 17
Floppy drive interface	CN4	Reset switch	JFM1 pins 19 & 20
IDE interface 2	CN5	IDE interface LED	JFM1 pins 21 & 22
IDE interface 1	CN6	Green PC connector	JG1
Chassis fan power	JFAN	32-bit PCI slots	PC1 - PC4
Power LED & keylock	JFM1 pins 1 - 5	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Reserved for future use	J9	Closed
Reserved for future use	J11	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	None	None	4MB
8MB	(2) 1M x 36	None	None
8MB	None	(2) 1M x 36	None
8MB	None	None	8MB
12MB	(2) 1M x 36	None	4MB
12MB	None	(2) 1M x 36	4MB
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 1M x 36	None	8MB
16MB	(2) 2M x 36	None	None
16MB	None	None	16MB
16MB	None	(2) 2M x 36	None
24MB	(2) 1M x 36	None	16MB
24MB	(2) 1M x 36	(2) 2M x 36	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	None	(2) 1M x 36	16MB
28MB	(2) 2M x 36	(2) 1M x 36	4MB
32MB	(2) 4M x 36	None	None
32MB	(2) 1M x 36	(2) 1M x 36	16MB
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	None	(2) 4M x 36	None
32MB	None	None	32MB
36MB	(2) 4M x 36	None	4MB
36MB	None	(2) 4M x 36	4MB
40MB	(2) 1M x 36	(2) 4M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 1M x 36	None	32MB

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
40MB	(2) 4M x 36	None	8MB
40MB	(2) 2M x 36	(2) 1M x 36	16MB
44MB	(2) 1M x 36	(2) 4M x 36	4MB
48MB	(2) 4M x 36	None	16MB
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 2M x 36	(2) 4M x 36	None
48MB	(2) 2M x 36	None	32MB
48MB	None	(2) 4M x 36	16MB
56MB	(2) 4M x 36	(2) 1M x 36	16MB
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 4M x 36	None	32MB
64MB	(2) 8M x 36	None	None
64MB	None	(2) 8M x 36	None
68MB	(2) 4M x 36	(2) 4M x 36	4MB
72MB	(2) 1M x 36	(2) 8M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 8M x 36	None	8MB
80MB	(2) 2M x 36	(2) 8M x 36	None
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	(2) 4M x 36	(2) 8M x 36	None
96MB	(2) 8M x 36	(2) 4M x 36	None
100MB	(2) 8M x 36	(2) 4M x 36	4MB
112MB	(2) 8M x 36	(2) 4M x 36	16MB
128MB	(2) 8M x 36	(2) 8M x 36	None

Note: Bank 2 only accepts DIMM modules. It is optional and may not be present. Board accepts x 32 SIMMs.

DRAM VOLTAGE CONFIGURATION			
Size	J2	J3	J4
3.3v (DIMM module only)	Pins 3 & 4 closed	Pins 3 & 4 closed	Pins 3 & 4 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB	(2) 32K x 32	None	(1) 8K/16K/32K x 8
512KB	(2) 32K x 32	256KB module installed	(1) 8K x 8

CPU SPEED SELECTION (AMD)						
Speed	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	Off	Off	On	Off	Off	Off
90MHz	Off	On	Off	Off	Off	Off

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CPU SPEED SELECTION (CYRIX)						
Speed	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
120MHz	Off	Off	On	Off	On	Off
133MHz	Off	On	On	On	On	Off
150MHz	Off	On	Off	Off	On	Off
166MHz	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (INTEL)						
Speed	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	Off	Off	On	Off	Off	Off
90MHz	Off	On	Off	Off	Off	Off
100MHz	Off	Off	Off	Off	Off	Off
120MHz	Off	On	Off	Off	On	Off
133MHz	Off	Off	Off	Off	On	Off
150MHz	Off	On	Off	Off	On	On
166MHz	Off	Off	Off	Off	On	On
200MHz	Off	Off	Off	Off	Off	On

CPU VOLTAGE SELECTION		
Voltage	J7	J8
3.38v	Open	Open
3.52v	Closed	Open