BIOSTAR MICROTECH INTERNATIONAL CORPORATION
MB-8500TVR

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI
Dimensions	285mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA interface, cache slot, IR connector, USB connector
NPU Options	None
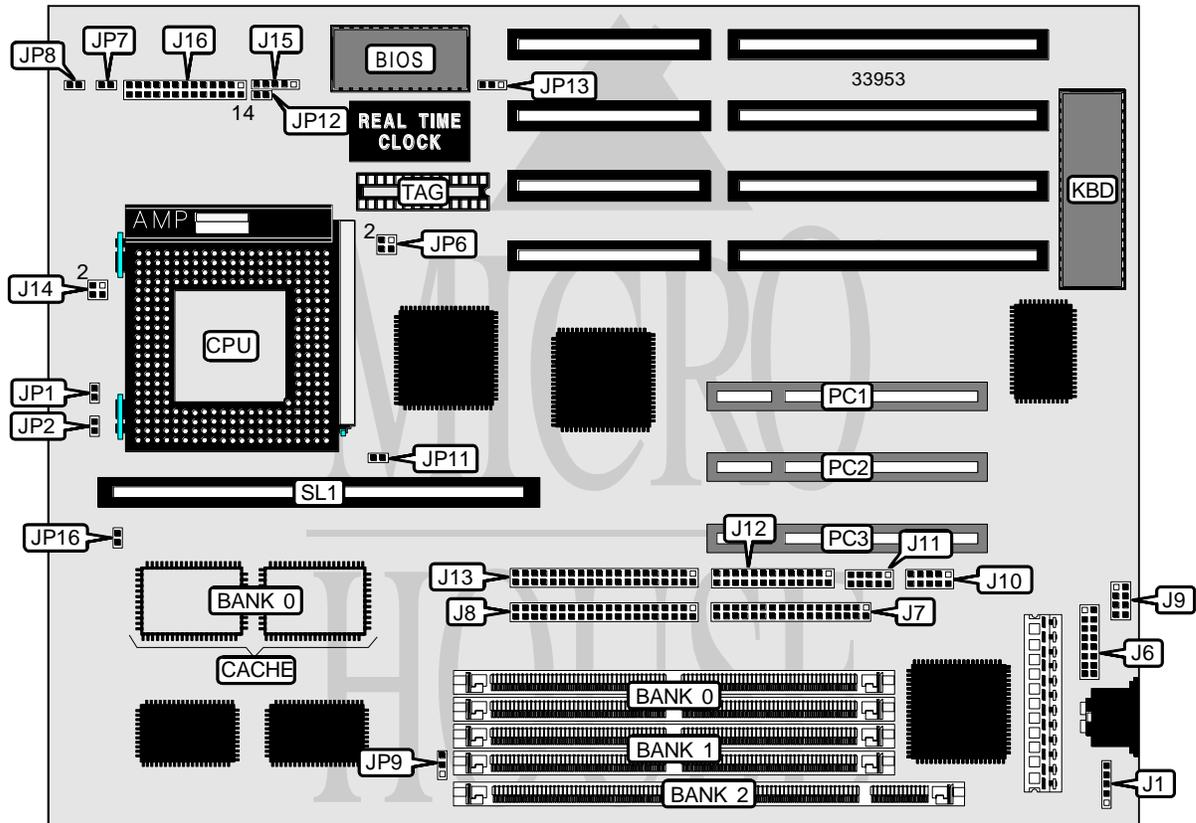
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
PS/2 mouse interface	J1	IR connector (optional)	J15
VGA interface	J6	Speaker	J16 pins 1 - 4
Floppy drive interface	J7	Power LED & keylock	J16 pins 5 - 9
IDE interface 1	J8	Turbo LED	J16 pins 10 & 11
USB connector	J9	Reset switch	J16 pins 12 & 13
Serial port 1	J10	Green PC connector	J16 pins 17 & 18
Serial port 2	J11	IDE interface LED	J16 pins 20 & 21
Parallel port	J12	+5v ground	J16 pins 25 & 26
IDE interface 2	J13	32-bit PCI slots	PC1 – PC3
Chassis fan power	J14	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
? CMOS memory normal operation	JP12	Open
CMOS memory clear	JP12	Closed
Flash BIOS voltage select 12v	JP13	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP13	Pins 1 & 2 closed
? Factory configured - do not alter	JP16	Unidentified

DIMM/DRAM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	None	None	(1) 1M x 64
8MB	(2) 1M x 36	None	None
16MB	None	None	(1) 2M x 64
16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 2M x 36	(2) 1M x 36	None
32MB	None	None	(1) 4M x 64
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 4M x 36	(2) 2M x 36	None
64MB	None	None	(1) 8M x 64
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None
80MB	(2) 8M x 36	(2) 2M x 36	None
96MB	(2) 8M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None
Note: Board accepts EDO memory.			

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DIMM VOLTAGE CONFIGURATION	
Voltage	**JP9**
3.3v	Pins 2 & 3 closed
5v	Pins 1 & 2 closed

CACHE CONFIGURATION			
Size	**Bank 0**	**SL1**	**TAG**
256KB (A)	(2) 32K x 32	Not installed	(1) 8K x 8
256KB (B)	None	256KB module installed	None
512KB (A)	(2) 32K x 32	256KB module installed	(1) 8K x 8
512KB (B)	(2) 64K x 32	Not installed	(1) 32K x 8
512KB (C)	None	512KB module installed	None

CACHE JUMPER CONFIGURATION	
Size	**JP11**
256KB (A)	Open
256KB (B)	Open
512KB (A)	Closed
512KB (B)	Closed
512KB (C)	Closed

CPU SPEED SELECTION (CYRIX)					
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP6**
120MHz	50MHz	2x	Closed	Open	1 & 2, 3 & 4
133MHz	55MHz	2x	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	1 & 2
166MHz	66MHz	2x	Closed	Open	3 & 4
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (AMD)					
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP6**
75MHz	50MHz	1.5x	Open	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	Open	Open	1 & 2
100MHz	66MHz	1.5x	Open	Open	3 & 4
120MHz	60MHz	1.5x	Open	Open	1 & 2
133MHz	66MHz	1.5x	Open	Open	3 & 4
150MHz	60MHz	2x	Closed	Open	1 & 2
166MHz	66MHz	2x	Closed	Open	3 & 4
Note: Pins designated should be in the closed position.					

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CPU SPEED SELECTION (INTEL)					
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP6**
75MHz	50MHz	1.5x	Open	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	Open	Open	1 & 2
100MHz	66MHz	1.5x	Open	Open	3 & 4
120MHz	60MHz	2x	Closed	Open	1 & 2
133MHz	66MHz	2x	Closed	Open	3 & 4
150MHz	60MHz	2.5x	Closed	Closed	1 & 2
166MHz	66MHz	2.5x	Closed	Closed	3 & 4
180MHz	60MHz	3x	Open	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	3 & 4
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	**JP8**
3.4v	Closed
3.5v	Open

CPU VOLTAGE SELECTION (DUAL)			
Voltage	**V core**	**JP7**	**JP8**
3.4v	2.6v	Closed	Closed
3.4v	2.9v	Open	Closed
3.5v	2.6v	Closed	Open
3.5v	2.9v	Open	Open