MB-8500TUR
Intel Pentium/Cyrix 6x86/AMD5k86 Main Board

JP 11 : Cache RAM Size Select (Version 1 and 2)

Jumper	256 Kb	512 Kb
Jp 11	1-2 Closed	2-3 Closed

JP 11 : Cache RAM Size Select (Version 2.1 and Afterwards)

Jumper	256 Kb	512 Kb
Jp 11	open	closed

JP 13 : Flash ROM Type Voltage Select
1-2 closed : +5 V Flash Memory Used
2-3 closed : +12 V Flash Memory Used
open : Eprom Used or 0v Flash ROM Used

JP 12 : CMOS Function Select
Open : Maintain setup data for normal function
Closed : To clear Cmos setup Memory
note : Clear bios password as follow :
Power Off --> jp 12 Closed --> Power on --> After Mem Count power off --> jp 12 open --> power on.

CPU Type Select

Cpu Type	Jp 7	Jp 14	Jp 15	Remark
Intel P54C/CQS/CT Cyrix 6x86 AMD 5k86	open	1-2 closed	1-2 closed 3-4 closed	3.3 V
Intel P55C/Ct	closed	2-3 closed	open	3.3V/2.9V

JP 8 Cpu Clock Voltage - Level Select
open : 3.5 V (For VRE SPEC)
closed : 3.4 V (For standard and VR SPEC)

------- FOR VERSION 1 AND 2.1 AND AFTERWARDS --------
Cpu Clock Select for Intel CPU

Cpu Speed	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
75	50 Mhz * 1.5	closed	closed	open	open
90	60 Mhz * 1.5	closed	open	open	open
100	66 Mhz * 1.5	open	closed	open	open
120	60 Mhz * 2	closed	open	closed	open
133	66 Mhz * 2	open	closed	closed	open
150	60 Mhz * 2.5	closed	open	closed	closed

166	66 Mhz * 2.5	open	closed	closed	closed
180	60 Mhz * 3	closed	open	open	closed
200	66 Mhz * 3	open	closed	open	closed

Cpu Clock Select for AMD 5k86 CPU

Cpu P-Rating	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
P-75 - 66 Mhz	66Mhz * 1	open	closed	closed	open
P-75 - 75 Mhz	50Mhz * 1.5	closed	closed	open	open
P-90 - 83 Mhz	55Mhz * 1.5	open	open	open	open
P-90 - 90 Mhz	60Mhz * 1.5	closed	open	open	open
P-100 - 100 Mhz	66Mhz * 1.5	open	closed	open	open

Cpu Clock Select for Cyrix 6x86 CPU

Cpu Speed	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
P-120+ / 100 Mhz	50Mhz * 2	closed	closed	open	open
P-133+ / 110 Mhz	55Mhz * 2	open	open	open	open
P-150+ / 120 Mhz	60Mhz * 2	closed	open	open	open
P-166+ / 133 Mhz	66Mhz * 2	open	closed	open	open

------- FOR VERSION 2 ---------
Cpu Clock Select for Intel CPU

Cpu Speed	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
75	50 Mhz * 1.5	closed	closed	open	open
90	60 Mhz * 1.5	open	closed	open	open
100	66 Mhz * 1.5	closed	open	open	open
120	60 Mhz * 2	open	closed	closed	open
133	66 Mhz * 2	closed	open	closed	open
150	60 Mhz * 2.5	open	closed	closed	closed
166	66 Mhz * 2.5	closed	open	closed	closed
180	60 Mhz * 3	open	closed	open	closed
200	66 Mhz * 3	closed	open	open	closed

Cpu Clock Select for AMD 5k86 CPU

Cpu P-Rating	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
P-75 - 66 Mhz	66Mhz * 1	closed	open	closed	open
P-75 - 75 Mhz	50Mhz * 1.5	closed	closed	open	open
P-90 - 83 Mhz	55Mhz * 1.5	open	open	open	open
P-90 - 90 Mhz	60Mhz * 1.5	open	closed	open	open
P-100 - 100 Mhz	66Mhz * 1.5	closed	open	open	open

Cpu Clock Select for Cyrix 6x86 CPU

Cpu Speed	Bus Clock	Jp 6 (1-2)	Jp 6 (3-4)	Jp 1	Jp 2
P-120+ / 100 Mhz	50Mhz * 2	closed	closed	open	open
P-133+ / 110 Mhz	55Mhz * 2	open	open	open	open
P-150+ / 120 Mhz	60Mhz * 2	open	closed	open	open
P-166+ / 133 Mhz	66Mhz * 2	closed	open	open	open

CONNECTOR J16

Pin No	Assignment	Pin No	Assignment
1	speaker	14	Green LED(+)
2	NC	15	Green LED(-)
3	Ground	16	NC
4	VCC	17	Green Control
5	Power LED (+)	18	Ground
6	No Connection	19	NC
7	Ground	20	HDD LED (-)
8	Key lock	21	HDD LED (+)
9	Ground	22	NC
10	Turbo LED(-)	23	Turbo Control
11	Turbo LED(+)	24	Ground
12	Reset Control	25	VCC
13	Ground	26	Ground

J14 : Fan Power Connector
Pin 3,4 : GRN
Pin 1,2 : +12 V

J15 : IR Module Connector(Optional)
Pin 1 : IRTX
Pin 2 : GND
Pin 3 : IRRX
Pin 4 : NC
Pin 5 : VCC

J1 : PS/2 Mouse Cable Connector
Pin 1 : MS_Data
Pin 2 : NC
Pin 3 : GND
Pin 4 : VCC
Pin 5 : MS_CLK

J9 : USB Cable Connector (Optional)