

TAKEN CORPORATION
ATX586

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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Reset switch	CN9/pins 22 & 23
Serial port 1	CN1	Turbo LED	CN9/pins 25 & 26
PS/2 mouse port	CN2	IDE interface 1	CN10
Parallel port	CN4	IDE interface 2	CN11
Serial port 2	CN5	Chassis fan power	JP11
Floppy drive interface	CN8	Chassis fan power	JP11A
Power LED & keylock	CN9/pins 1 -5	External battery	JP13
Turbo switch	CN9/pins 7 & 8	IR connector	JP17
Speaker	CN9/pins 10 - 13	32-bit PCI slots	PC1 - PC4
IDE interface LED	CN9/pins 14 & 15	USB connector	USB1
Green PC connector	CN9/pins 19 & 20		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP13	Pins 2 & 3 closed
CMOS memory clear	JP13	Pins 3 & 4 closed
Battery type select external	JP13	Open
í Factory configured - do not alter	JP15	Pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP16	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP16	Pins 1 & 2 closed
Power supply select AT	JP18	Closed
Power supply select ATX	JP18	Open

DIMM/DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 32	None
16MB	(2) 1M x 32	(2) 1M x 32
16MB	(2) 2M x 32	None
24MB	(2) 1M x 32	(2) 2M x 32
24MB	(2) 2M x 32	(2) 1M x 32
32MB	(2) 2M x 32	(2) 2M x 32
32MB	(2) 4M x 32	None
40MB	(2) 1M x 32	(2) 4M x 32
40MB	(2) 4M x 32	(2) 1M x 32
48MB	(2) 2M x 32	(2) 4M x 32
48MB	(2) 4M x 32	(2) 2M x 32
64MB	(2) 4M x 32	(2) 4M x 32
64MB	(2) 8M x 32	None
72MB	(2) 1M x 32	(2) 8M x 32
72MB	(2) 8M x 32	(2) 1M x 32
80MB	(2) 2M x 32	(2) 8M x 32

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DIMM/DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
80MB	(2) 8M x 32	(2) 2M x 32
96MB	(2) 4M x 32	(2) 8M x 32
96MB	(2) 8M x 32	(2) 4M x 32
128MB	(2) 8M x 32	(2) 8M x 32
128MB	(2) 16M x 32	None
256MB	(2) 16M x 32	(2) 16M x 32

Note: Board accepts EDO memory.

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CACHE JUMPER CONFIGURATION	
Size	JP2
256KB	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed

CPU SPEED SELECTION (CYRIX)						
CPU speed	Clock speed	Multiplier	JP6	JP7	JP8	JP9
133MHz	55MHz	1.5x	1 & 2	2 & 3	2 & 3	2 & 3
150MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	JP6	JP7	JP8	JP9
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP6	JP7	JP8	JP9
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP6	JP7	JP8	JP9
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
CPU installed	JP12
Single	Pins 1 & 2 closed
Dual	Pins 2 & 3 closed

CPU VOLTAGE SELECTION	
Voltage	J1
2.8v	Open
3.3v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed