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P E A K   5 3 0

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	338mm x 122mm
I/O Options	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, PC/104 connectors (2)
NPU Options	None
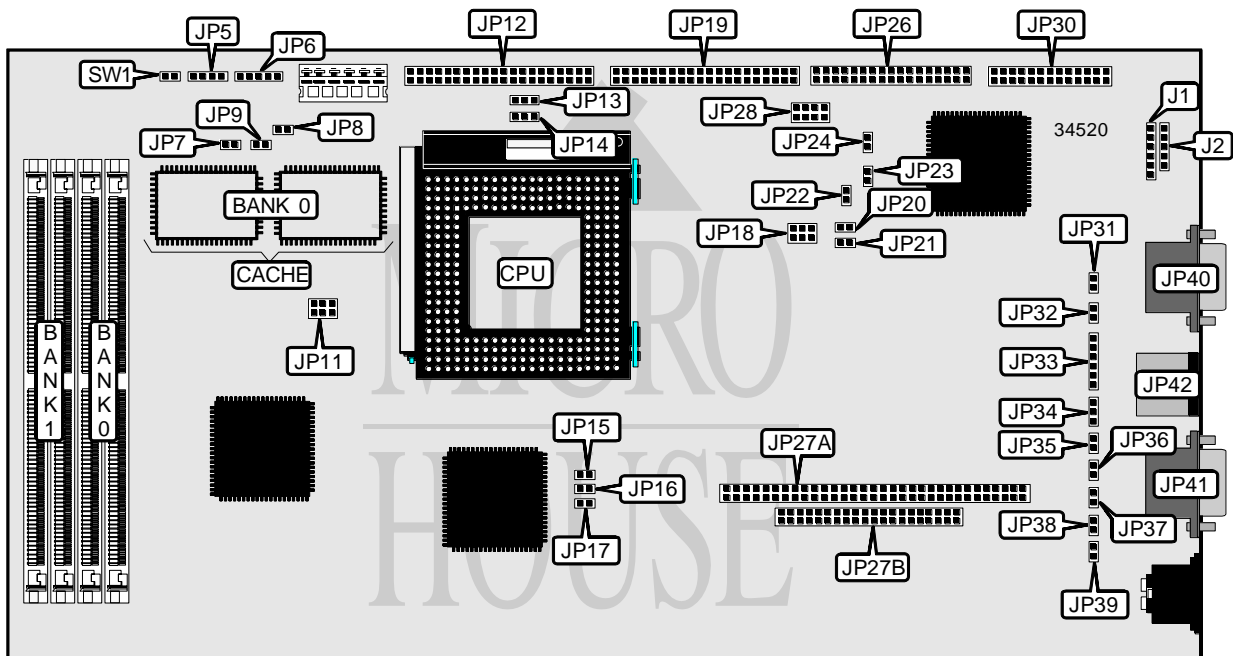
JP29 LOCATION UNIDENTIFIED

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
USB connector	J1	PC/104 connector	JP27A
Auxiliary keyboard connector	J2	PC/104 connector	JP27B
Speaker	JP5	IR connector	JP29
Power LED & keylock	JP6	Parallel port	JP30
+5v power	JP8	Serial port 2	JP40
IDE interface 1	JP12	Serial port 1	JP41
IDE interface 2	JP19	PS/2 mouse port	JP42
IDE interface LED	JP24	Reset switch	SW1
Floppy drive interface	JP26		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP31	Open
CMOS memory clear	JP31	Closed
í On board I/O enabled	JP32	Open
On board I/O disabled	JP32	Closed
í BIOS type select EPROM	JP33	Pins 2 & 3, 4 & 5 closed
BIOS type select flash BIOS	JP33	Pins 1 & 2, 5 & 6 closed
í Monitor type select color	JP35	Closed
Monitor type select monochrome	JP35	Open

SIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

SIMM REFRESH CONFIGURATION	
Setting	**JP15**
50MHz	Closed
60MHz	Closed
í 66MHz	Open

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

CACHE JUMPER CONFIGURATION			
Size	**JP7**	**JP11/pins 3 & 4**	**JP11/pins 5 & 6**
None	N/A	Closed	Closed
256KB	Open	Open	Closed
512KB	Closed	Closed	Open

CACHE SIZE CONFIGURATION	
Size	**JP11/pins 1 & 2**
í Extended	Open
Normal	Closed

CPU SPEED SELECTION							
CPU speed	**Clock speed**	**Multiplier**	**JP13**	**JP14**	**JP16**	**JP17**	**JP23**
75MHz	50MHz	1.5x	1 & 2	1 & 2	Closed	Closed	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	Closed	Open	Closed
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	Closed	Closed
120MHz	60MHz	2x	2 & 3	1 & 2	Closed	Open	Closed
133MHz	66MHz	2x	2 & 3	1 & 2	Open	Closed	Closed
150MHz	60MHz	2.5x	2 & 3	2 & 3	Closed	Open	Closed
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	Closed	Closed
180MHz	60MHz	3x	1 & 2	2 & 3	Closed	Open	Closed
200MHz	66MHz	3x	1 & 2	2 & 3	Open	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION		
Type	**JP18**	**JP22**
P54C	Pins 1 & 2, 3 & 4, 5 & 6 closed	Pins 1 & 2 closed
P55C	Open	Open

CPU TYPE SELECTION	
Type	**JP9**
Cyrix	Closed
Intel	Open

CPU VOLTAGE SELECTION		
Voltage	**JP20**	**JP21**
2.8v	Closed	Open
í 3.3v	Open	Closed

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M SYSTEM ADDRESS SELECTION	
Setting	**JP28**
C0000	Pins 1 & 2 closed
C8000	Pins 3 & 4 closed
í D0000	Pins 5 & 6 closed
D8000	Pins 7 & 8 closed

WATCHDOG SELECTION	
Setting	**JP34**
í Reset	Pins 2 & 3 closed
NMI	Pins 1 & 2 closed
Disabled	Open

WATCHDOG TIMER SELECTION				
Delay	**JP36**	**JP37**	**JP38**	**JP39**
.5 second	Open	Open	Open	Closed
1 second	Open	Open	Closed	Open
2 seconds	Open	Closed	Open	Open
í 4 seconds	Closed	Open	Open	Open