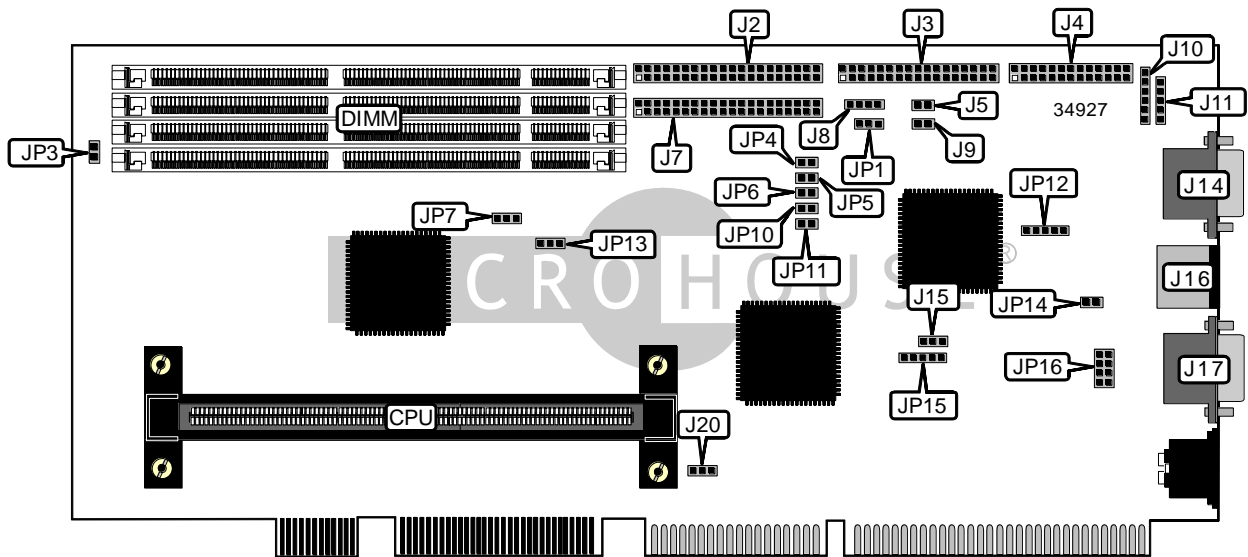


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 PEAK 620

Device Type	Single board computer
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO & SDRAM 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), USB connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface 1	J2	USB connector	J10
Floppy drive interface	J3	Auxiliary keyboard connector	J11
Parallel port	J4	Serial port 2	J14
IDE interface LED	J5	PS/2 mouse port	J16
IDE interface 2	J7	Serial port 1	J17
Speaker	J8	CPU fan power	J20
Reset switch	J9	Power LED & keylock	JP12

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í BIOS size select 1Mbit	J15	Pins 1 & 2 closed
BIOS size select 2Mbit	J15	Pins 2 & 3 closed
í PIIX4 version select B0	JP1	Pins 2 & 3 closed
PIIX4 version select A1	JP1	Pins 1 & 2 closed
í I/O queue depth select MAX	JP7	Pins 2 & 3 closed
I/O queue depth select 1	JP7	Pins 1 & 2 closed
í WDT port address select F2	JP11	Closed
WDT port address select F6	JP11	Open
í CMOS memory normal operation	JP14	Open
CMOS memory clear	JP14	Closed

DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION								
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP10	JP13
233MHz	66MHz	3.5x	Open	Closed	Open	Open	Closed	1 & 2
266MHz	66MHz	4x	Open	Closed	Closed	Closed	Open	1 & 2
300MHz	66MHz	4.5x	Open	Closed	Open	Closed	Open	1 & 2
333MHz	66MHz	5x	Open	Closed	Closed	Open	Open	1 & 2

Note: Pins designated should be in the closed position.

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DOC ADDRESS SELECTION	
Address	JP16
C000	Pins 1 & 2 closed
C800	Pins 3 & 4 closed
D000	Pins 5 & 6 closed
í D800	Pins 7 & 8 closed

BIOS SELECTION	
Setting	JP15
í EPROM	Pins 2 & 3 closed
5v flash	Pins 2 & 3, 4 & 5 closed
12v flash	Pins 1 & 2, 4 & 5 closed