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P 2 L 9 7 A (R E V . 1 . 0 3 V I D E O)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300MHz
Chip Set	Intel
Video Chip Set	ATI
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Maximum Video Memory	4MB
Cache	256/512KB (located on Pentium II CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, VGA port, IR connector, USB connectors (2), ATX power connector, AMC connector
NPU Options	None
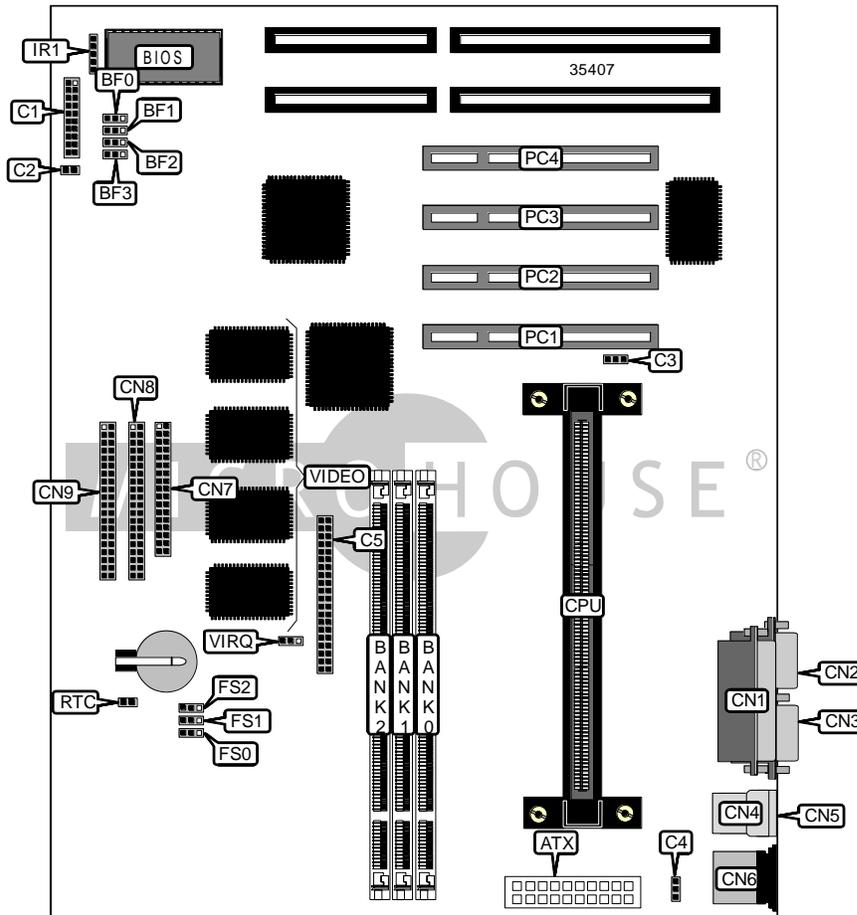
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Parallel port	CN1
Power LED & keylock	C1/pins 1 - 5	VGA port	CN2
Speaker	C1/pins 7 - 10	Serial port	CN3
Message LED	C1/pins 12 & 13	USB connector 1	CN4
Green PC connector	C1/pins 14 & 15	USB connector 2	CN5
Soft off power supply	C1/pins 16 & 17	PS/2 mouse port	CN6
Reset switch	C1/pins 19 & 20	Floppy drive interface	CN7
IDE interface LED	C2	IDE interface 2	CN8
Wake on LAN connector	C3	IDE interface 1	CN9
CPU fan power	C4	IR connector	IR1
AMC connector	C5	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	RTC	Open
CMOS memory clear	RTC	Closed
í VRA IRQ disabled	VIRQ	Pins 1 & 2 closed
VRA IRQ enabled	VIRQ	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64

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DIMM CONFIGURATION (CON'T)			
Size	**Bank 0**	**Bank 1**	**Bank 2**
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(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.

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VIDEO MEMORY CONFIGURATION
Note: 4MB video memory is factory installed and is not configurable.

CPU SPEED SELECTION					
CPU speed	**Clock speed**	**Multiplier**	**FS0**	**FS1**	**FS2**
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (CON'T)					
CPU speed	**Clock speed**	**Multiplier**	**BF0**	**BF1**	**BF2**	**BF3**
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.					