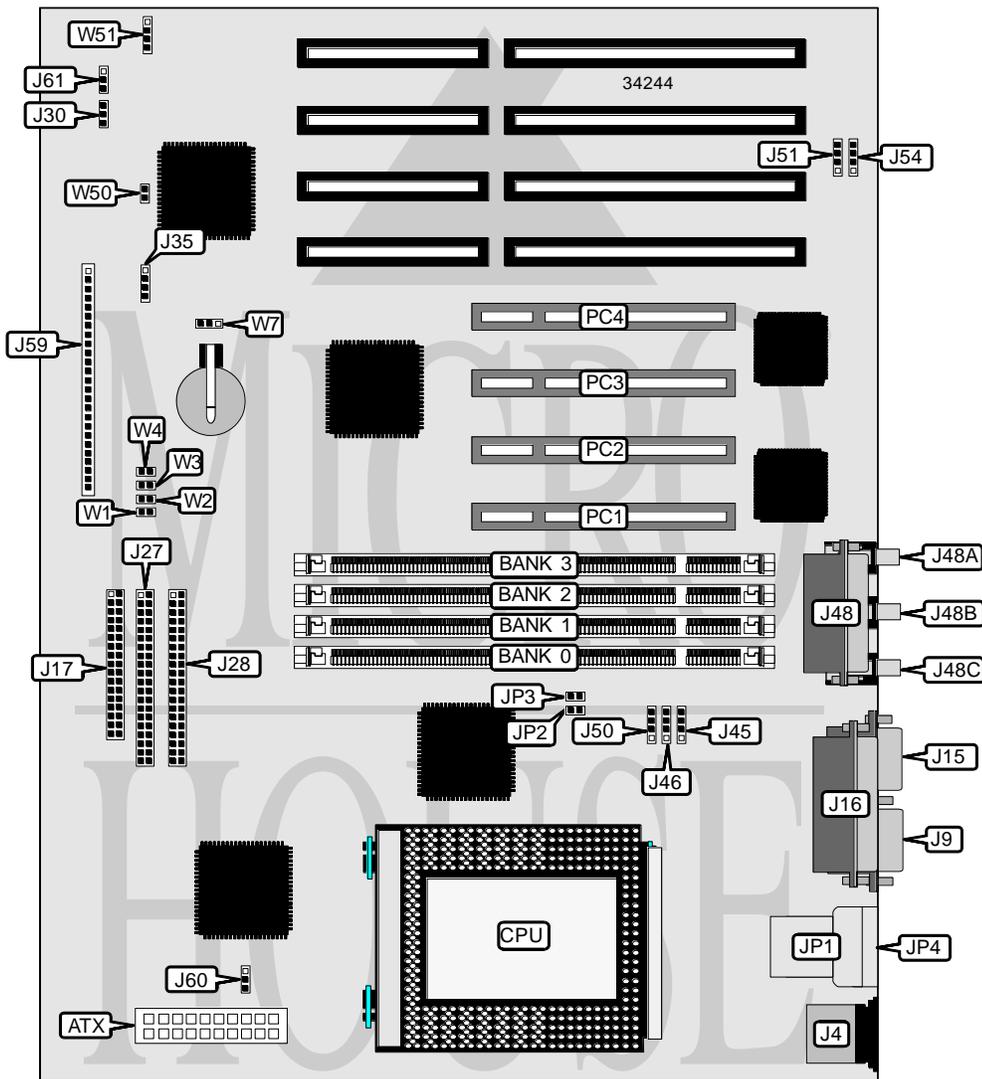


MICRONICS COMPUTERS, INC.

INVADER

Processor	Pentium Pro
Processor Speed	180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Phoenix
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), CD-ROM audio in connectors (4), interface, floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector, microphone in connector, line in connector, line out connector, wavetable connector, modem in connector
NPU Options	None



Continued on next page. . .

MICRONICS COMPUTERS, INC.
 INVADER

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Modem in connector	J51
PS/2 mouse port	J4	ATAPI CD-ROM audio in	J54
Serial port 1	J9	Soft off power supply	J59/pins 1 & 2
Serial port 2	J15	Green PC connector	J59/pins 3 & 4
Parallel port	J16	IR connector	J59/pins 6 - 11
Floppy drive interface	J17	IDE interface LED	J59/pins 13 - 16
IDE interface 2	J27	Power LED	J59/pins 18 - 20
IDE interface 1	J28	Reset switch	J59/pins 22 & 23
Chassis fan power	J30	Speaker	J59/pins 24 - 27
Keylock	J35	Chassis fan power	J60
CD-ROM audio in	J45	Chassis fan power	J61
CD-ROM audio in	J46	USB connector 1	JP1
Game port	J48	USB connector 2	JP4
Microphone in connector	J48A	Wavetable connector	W49
Line in connector	J48B	Chassis instruct photo sensor	W50
Line out connector	J48C	Temperature sensor	W51
CD-ROM audio in	J50	32-bit PCI slots	PC1 – PC4

Note: The location of W49 is unidentified.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	W7	Pins 1 & 2 closed
CMOS memory clear	W7	Pins 2 & 3 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) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 1M x 64			
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64	None
40MB	(1) 2M 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) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64	None
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64	None

Continued on next page...

MICRONICS COMPUTERS, INC.
 INVADER

... continued from previous page

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
56MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 2M x 64			
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None	None
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
112MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64	None
112MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
128MB	(1) 16M x 64	None	None	None
128MB	(1) 4M x 64			
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 8M x 64			
288MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	None
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
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
448MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64
512MB	(1) 16M x 64			
1GB	(1) 32M x 64			

Note: Board accepts EDO memory.

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

Continued on next page...

MICRONICS COMPUTERS, INC.
INVADER

... continued from previous page

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	JP2	JP3	W1
180MHz	60MHz	3x	Closed	Open	Closed
200MHz	66MHz	3x	Open	Closed	Closed

CPU SPEED SELECTION (CON'T)					
CPU speed	Clock speed	Multiplier	W2	W3	W4
180MHz	60MHz	3x	Open	Closed	Closed
200MHz	66MHz	3x	Open	Closed	Closed