QDI COMPUTER, INC.
P 6 I 4 4 0 F X

Processor	Pentium Pro
Processor Speed	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	330mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), PS/2 mouse interface, serial ports (2), IR connector, VRM connector, USB connectors (2)
NPU Options	None
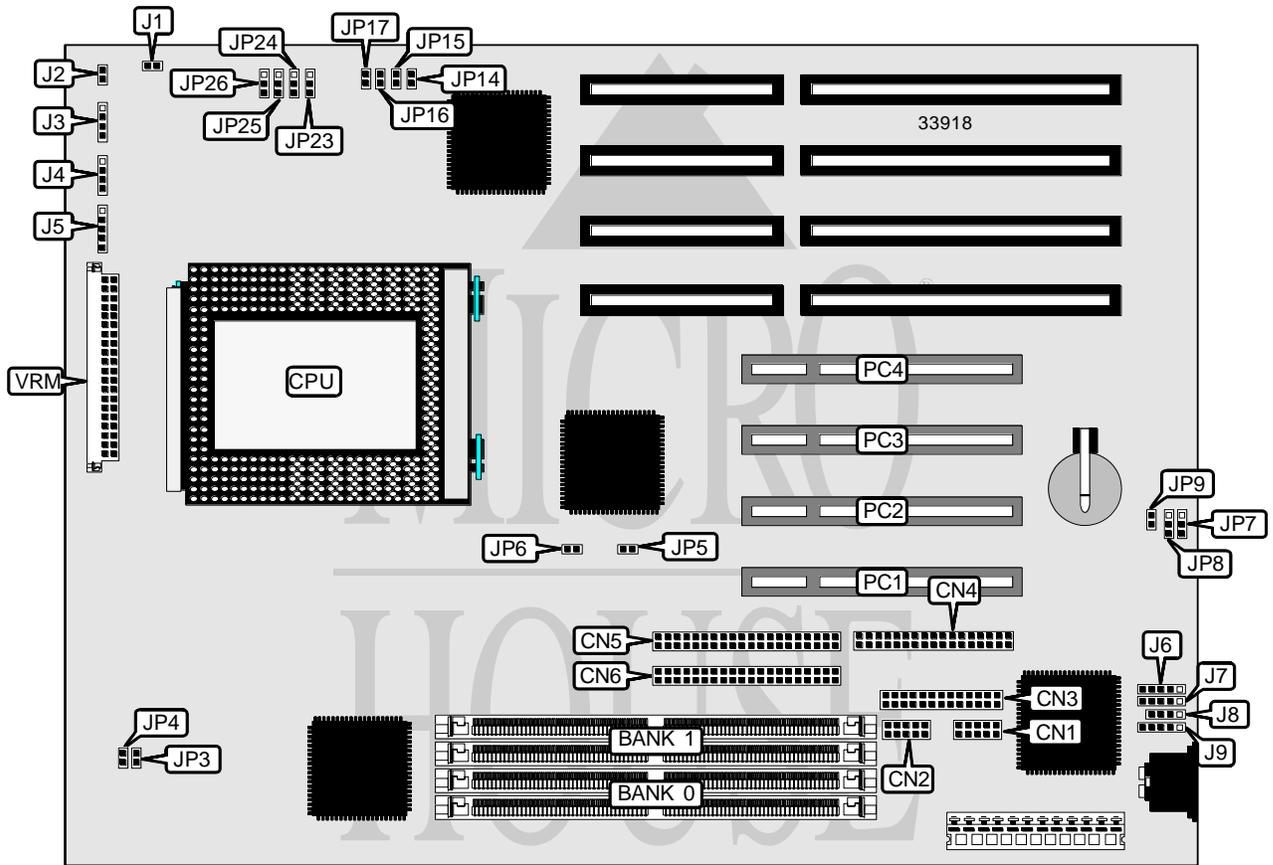
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	IDE interface LED	J4
Serial port 2	CN2	Power LED & keylock	J5
Parallel port	CN3	USB connector 1	J6
Floppy drive interface	CN4	USB connector 2	J7
IDE interface 2	CN5	IR connector	J8
IDE interface 1	CN6	PS/2 mouse interface	J9
Chassis fan power	J1	32-bit PCI slots	PC1 - PC4
Reset switch	J2	VRM connector	VRM
Speaker	J3		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	JP7	Pins 2 & 3 closed
í Factory configured - do not alter	JP8	Pins 1 & 2 closed
í CMOS memory normal operation	JP9	Open
CMOS memory clear	JP9	Closed

DRAM 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
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M 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
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.		

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

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CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**JP3**	**JP4**	**JP5**	**JP6**
150MHz	60MHz	2.5x	Closed	Open	Closed	Open
166MHz	66MHz	2.5x	Open	Closed	Open	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Open
200MHz	66MHz	3x	Open	Closed	Open	Closed

CPU SPEED SELECTION (CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP14**	**JP15**	**JP16**	**JP17**
150MHz	60MHz	2.5x	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
180MHz	60MHz	3x	Closed	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Closed	Open	Closed

CPU VOLTAGE SELECTION				
Voltage	**JP23**	**JP24**	**JP25**	**JP26**
Auto	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.1v	Open	Open	Open	Pins 2 & 3 closed
2.2v	Open	Open	Pins 2 & 3 closed	Open
2.3v	Open	Open	Pins 2 & 3 closed	Pins 2 & 3 closed
2.4v	Open	Pins 2 & 3 closed	Open	Open
2.5v	Open	Pins 2 & 3 closed	Open	Pins 2 & 3 closed
2.6v	Open	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
2.7v	Open	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
2.8v	Pins 2 & 3 closed	Open	Open	Open
2.9v	Pins 2 & 3 closed	Open	Open	Pins 2 & 3 closed
3.0v	Pins 2 & 3 closed	Open	Pins 2 & 3 closed	Open
3.1v	Pins 2 & 3 closed	Open	Pins 2 & 3 closed	Pins 2 & 3 closed
3.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Open	Open
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed	Open	Pins 2 & 3 closed
3.4v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
3.5v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
None	Open	Open	Open	Open