CSS LABORATORIES, INC.
M B - 6 8 6 3

Processor	Pentium Pro
Processor Speed	180/200/266MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, VRM connectors (2), USB connectors (2)
NPU Options	None

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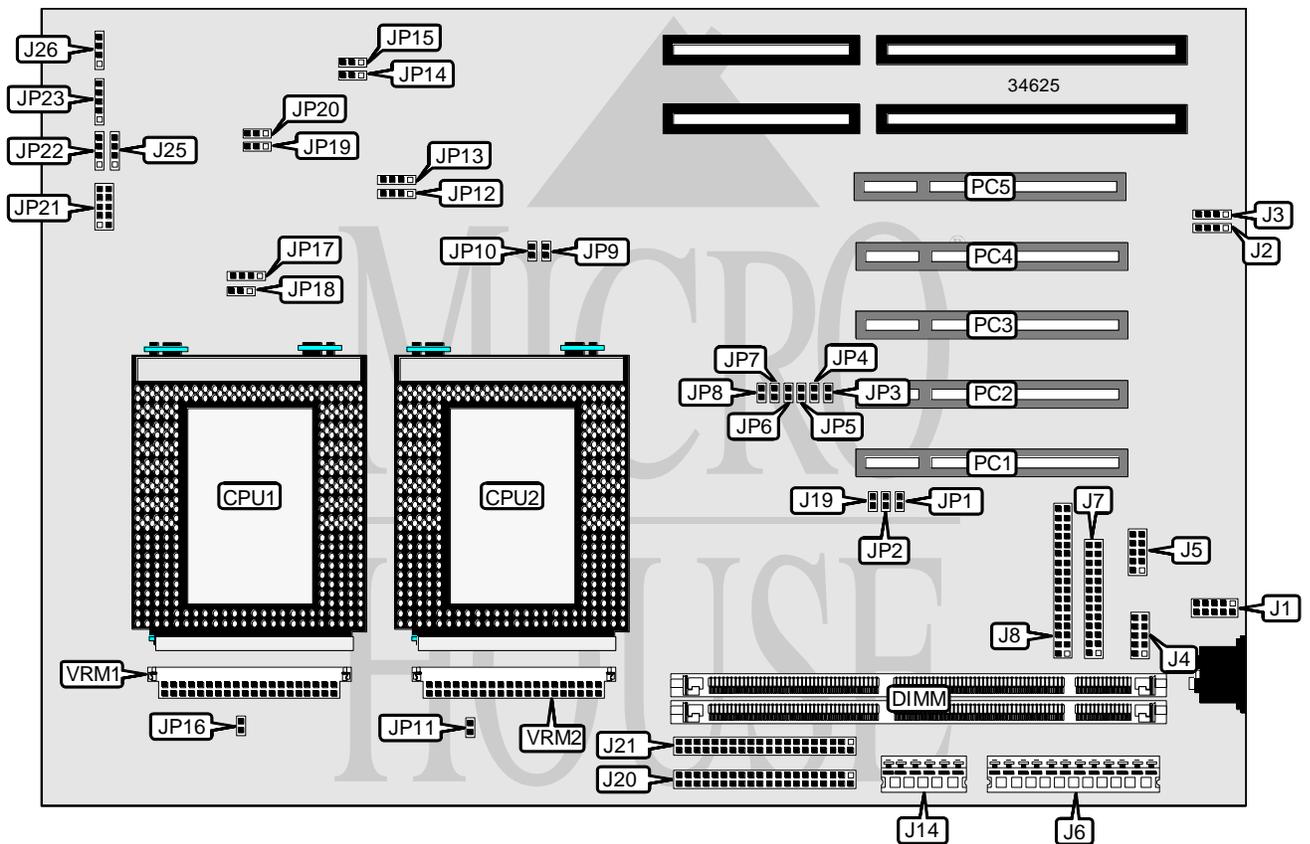
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
PS/2 mouse/keyboard interface	J1	Speaker	J26
USB connector	J2	Chassis fan power	JP11
USB connector	J3	IR connector	JP12
Serial port 1	J4	External battery	JP13
Serial port 2	J5	Chassis fan power	JP16
5v power	J6	Front panel connector	JP21
Parallel port	J7	Reset switch	JP22/pins 1 & 2
Floppy drive interface	J8	Turbo LED	JP22/pins 3 & 4
3.3v power	J14	Power LED & keylock	JP23
IDE interface 1	J20	32-bit PCI slots	PC1 – PC5
IDE interface 2	J21	VRM connector 1	VRM1
IDE interface LED	J25	VRM connector 2	VRM2

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	J19	Unidentified
í Factory configured - do not alter (DBX EXTSMI)	JP7	Unidentified
í Factory configured - do not alter	JP8	Unidentified
í Factory configured - do not alter	JP17	Unidentified
í Factory configured - do not alter	JP18	Unidentified
í Factory configured - do not alter	JP19	Unidentified
í ISA bus speed select /4	JP20	Pins 2 & 3 closed
ISA bus speed select /3	JP20	Pins 1 & 2 closed

DIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64

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DIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

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

CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**
180MHz	60MHz	3x	Closed	Open	Closed	Open
200MHz	66MHz	3x	Open	Closed	Closed	Open
266MHz	66MHz	4x	Open	Closed	Closed	Closed

CPU SPEED SELECTION (CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP6**	**JP9**	**JP10**
180MHz	60MHz	3x	Closed	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Closed	Closed	Open
266MHz	66MHz	4x	Open	Closed	Closed	Open

FLASH BIOS SELECTION		
Setting	**JP14**	**JP15**
í Enabled	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed