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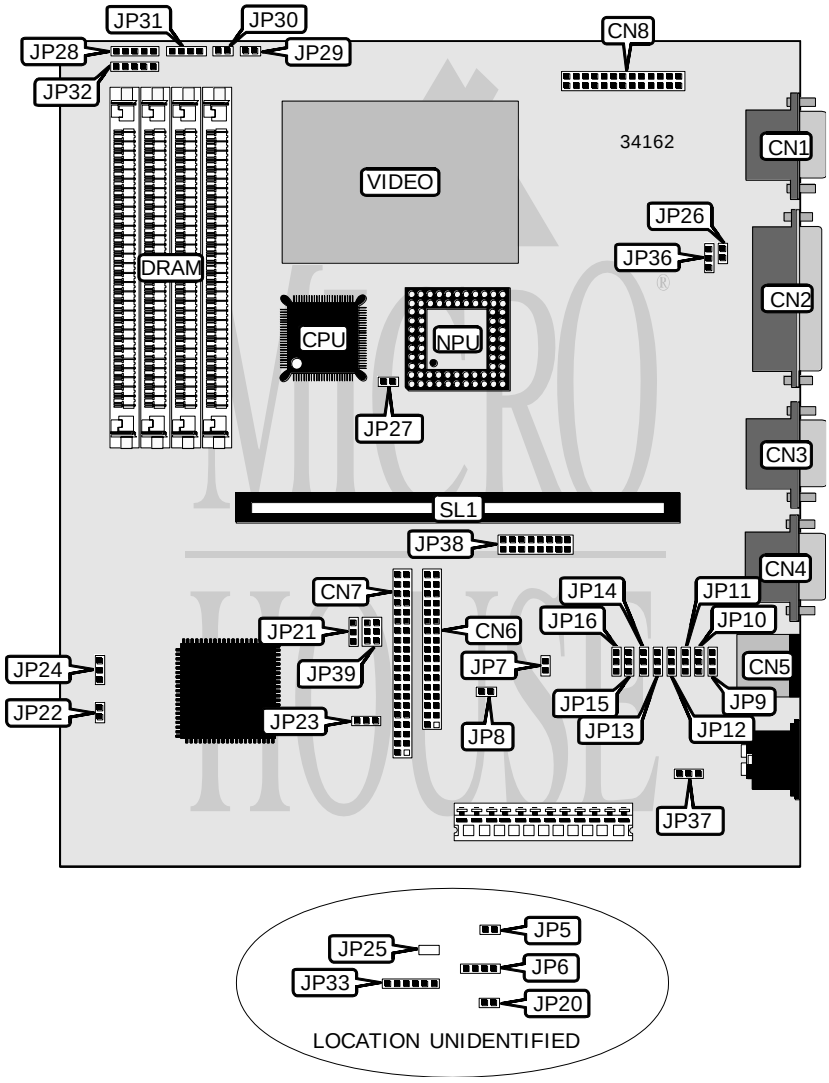
Processor	80386SX/CX486SLC
Processor Speed	25/33/40MHz
Chip Set	ALI
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	16MB
Maximum Video Memory	1MB
Cache	None
BIOS	AMI
Dimensions	223mm x 203mm
I/O Options	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
NPU Options	80387SX



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VGA port	CN1	Turbo LED	JP28 pins 1 & 2
Parallel port	CN2	Turbo switch	JP28 pins 4 & 5
Serial port 2	CN3	IDE interface LED	JP29
Serial port 1	CN4	Reset switch	JP30
PS/2 mouse port	CN5	Speaker	JP31
Floppy drive interface	CN6	Power LED & keylock	JP32
IDE interface	CN7	LED connector	JP33
VGA feature connector	CN8	Riser slot	SL1
External battery	JP6		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Monitor type select color	JP5	Open
Monitor type select monochrome	JP5	Closed
í CMOS memory normal operation	JP7	Open
CMOS memory clear	JP7	Closed
PS/2 mouse disabled	JP8	Open
PS/2 mouse enabled	JP8	Closed
Floppy drive interface enabled	JP15	Pins 1 & 2 closed
Floppy drive interface disabled	JP15	Pins 2 & 3 closed
IDE interface enabled	JP16	Pins 1 & 2 closed
IDE interface disabled	JP16	Pins 2 & 3 closed
RTC type select 146818	JP20	Open
RTC type select Dallas	JP20	Closed
Parity enabled	JP22	Open
Parity disabled	JP22	Closed
Pipeline mode enabled	JP23	Pins 1 & 2 closed
Pipeline mode disabled	JP23	Pins 2 & 3 closed
í Factory configured - do not alter	JP25	Unidentified
IRQ9 enabled	JP26	Closed
IRQ9 disabled	JP26	Open
NPU synchronous with CPU	JP27	Pins 1 & 2 closed
NPU asynchronous with CPU	JP27	Pins 2 & 3 closed
On board video enabled	JP36	Pins 1 & 2 closed
On board video disabled	JP36	Pins 2 & 3 closed
Power good signal detect from power supply	JP37	Pins 1 & 2 closed
Power good signal detect from board	JP37	Pins 2 & 3 closed

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
512KB	(2) 256K x 9	None
1MB	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	None
4MB	(2) 1M x 9	(2) 1M x 9
8MB	(2) 4M x 9	None
16MB	(2) 4M x 9	(2) 4M x 9
Note: The location of banks 0 & 1 is unidentified.		

VIDEO MEMORY CONFIGURATION
Note: Board accepts 256KB/512KB/1MB video memory. The size of the chips is unidentified.

CPU SPEED SELECTION			
Speed	**JP21**	**JP24**	**JP39**
25MHz	1 & 2	2 & 3	1 & 2, 5 & 6
33MHz	2 & 3	2 & 3	1 & 2, 3 & 4
40MHz	1 & 2	1 & 2	5 & 6
Note: Pins designated should be in the closed position.			

PARALLEL PORT ADDRESS SELECTION		
Setting	**JP9**	**JP10**
278h	Pins 2 & 3 closed	Pins 2 & 3 closed
378h	Pins 1 & 2 closed	Pins 1 & 2 closed
3BCh	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	**JP11**	**JP12**
2E8h	Pins 1 & 2 closed	Pins 2 & 3 closed
3E8h	Pins 2 & 3 closed	Pins 2 & 3 closed
3F8h	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	**JP13**	**JP14**
2E8h	Pins 1 & 2 closed	Pins 2 & 3 closed
3E8h	Pins 1 & 2 closed	Pins 1 & 2 closed
3F8h	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 1 & 2 closed

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SERIAL PORT 1 INTERRUPT SELECTION	
IRQ	**JP38**
IRQ3	Pins 1 & 2 closed
IRQ4	Pins 3 & 4 closed
IRQ5	Pins 5 & 6 closed

SERIAL PORT 2 INTERRUPT SELECTION	
IRQ	**JP38**
IRQ3	Pins 7 & 8 closed
IRQ4	Pins 9 & 10 closed
IRQ5	Pins 11 & 12 closed

PARALLEL PORT INTERRUPT SELECTION	
IRQ	**JP38**
IRQ5	Pins 13 & 14 closed
IRQ7	Pins 15 & 16 closed

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