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E 4 8 6 C

Processor	80486DX/80486DX2/80486DX4
Processor Speed	25/33/50(internal)/50/66(internal)/100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	256KB
BIOS	Unidentified
Dimensions	355mm x 304mm
I/O Options	Auxiliary bus slots (6), CPU slot, floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None

CPU CARD
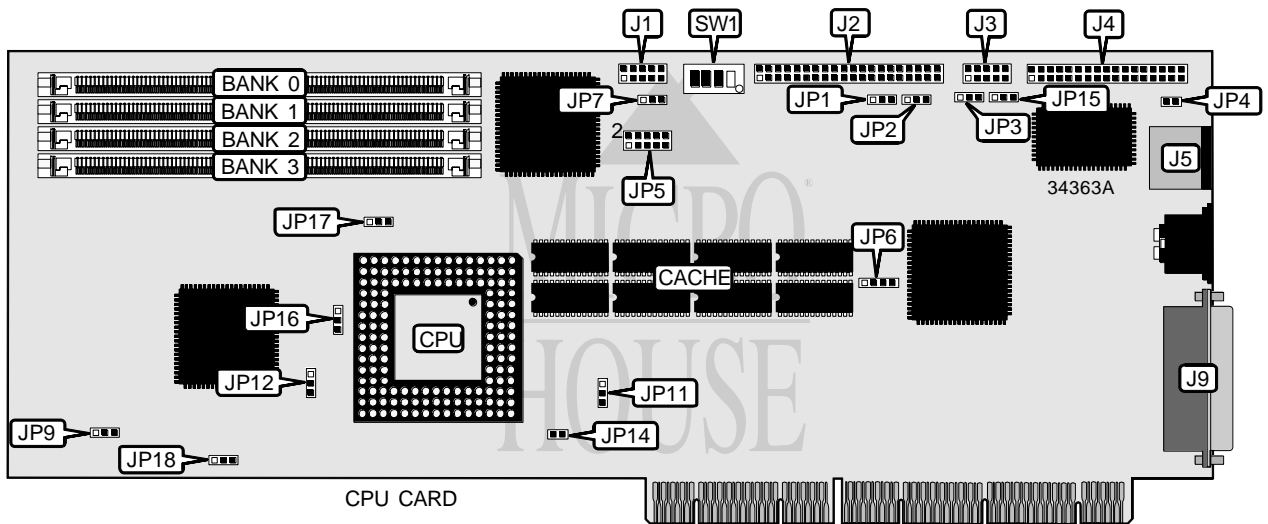
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	J1	PS/2 mouse port	J5
IDE interface	J2	Parallel port	J9
Serial port 1	J3	IDE interface LED	JP4
Floppy drive interface	J4		

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E 4 8 6 C

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	JP6	Pins 1 & 2, 3 & 4 closed
í Counter timing select free running	JP9	Pins 2 & 3 closed
Counter timing select CPU heartbeat (ADS)	JP9	Pins 1 & 2 closed
í Factory configured - do not alter	JP11	Pins 2 & 3 closed
í Factory configured - do not alter	JP12	Pins 2 & 3 closed
í Factory configured - do not alter	JP14	Open
í PS/2 mouse IRQ 12 unbuffered	JP15	Pins 1 & 2 closed
PS/2 mouse IRQ 12 buffered	JP15	Pins 2 & 3 closed
í Monitor type select color	SW1/1	On
Monitor type select monochrome	SW1/1	Off
í Flash BIOS enabled	SW1/2	Off
Flash BIOS disabled	SW1/2	On
í CMOS memory normal operation	SW1/3	Off
CMOS memory clear	SW1/3	On
I/O address select 270	SW1/4	Off
I/O address select 370	SW1/4	On

DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION
Note: 256KB cache is factory installed and is not configurable.

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CPU SPEED SELECTION	
Speed	**JP5**
25MHz	Pins 5 & 6, 7 & 8 closed
33MHz	Pins 5 & 6 closed
50iMHz	Pins 5 & 6, 7 & 8 closed
50MHz	Pins 1 & 2, 5 & 6 closed
66iMHz	Pins 5 & 6 closed
100iMHz	Pins 5 & 6 closed

CPU TYPE SELECTION	
Type	**JP17**
80486DX	Pins 2 & 3 closed
80486DX2	Pins 2 & 3 closed
80486DX4	Pins 1 & 2 closed

CPU MULTIPLIER SELECTION	
Multiplier	**JP18**
2x	Pins 1 & 2 closed
3x	Pins 2 & 3 closed

SERIAL PORT 2 SELECTION			
Setting	**JP1**	**JP2**	**JP3**
í RS-232	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
RS-422	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
RS-485	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

BUS CLOCK BUFFER SELECTION		
Setting	**JP7**	**JP16**
Unbuffered	Pins 1 & 2 closed	Pins 1 & 2 closed
Buffered	Pins 2 & 3 closed	Pins 2 & 3 closed
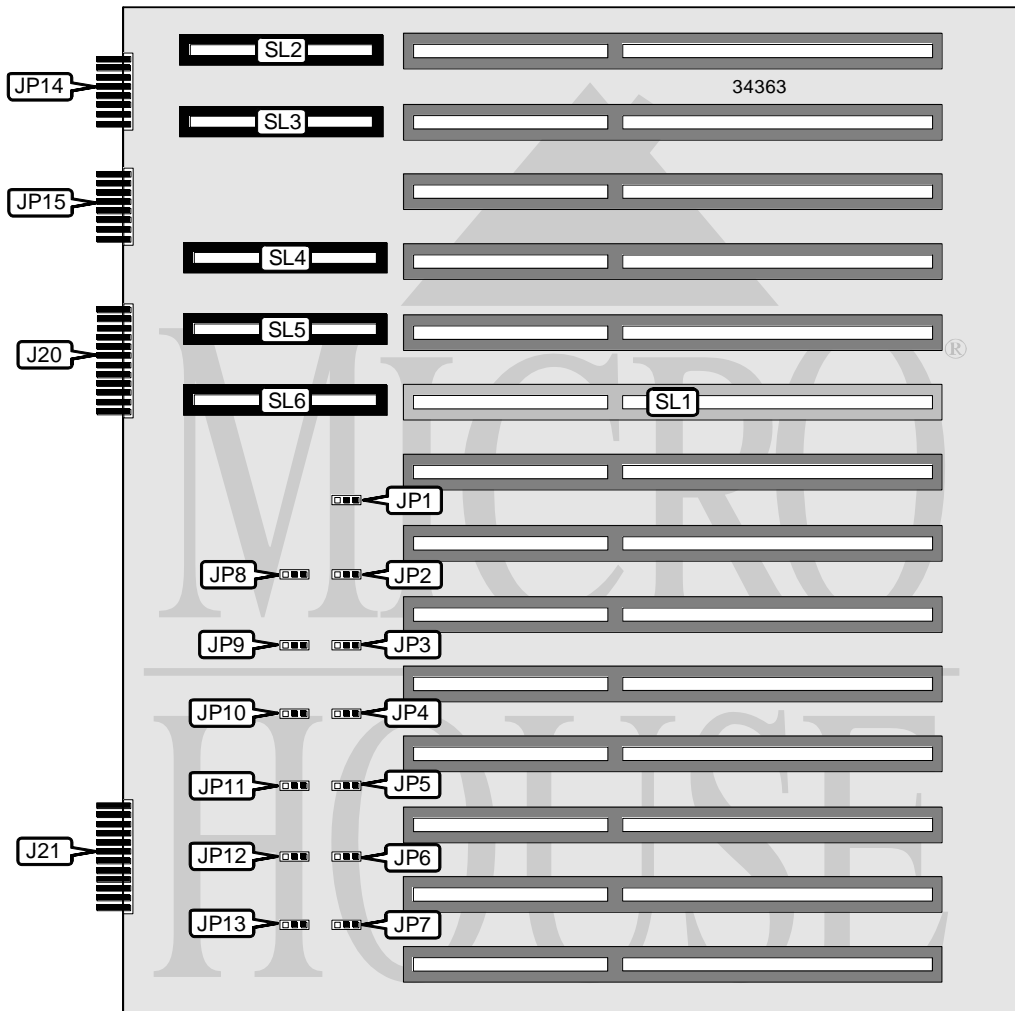
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SL2

JP14

SL3

34363

JP15

SL4

J20

SL5

SL6

SL1

JP1

JP8   JP2

JP9   JP3

JP10   JP4

JP11   JP5

J21

JP12   JP6

JP13   JP7

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
DC power	J20	Front keyboard connector	JP15
DC power	J21	CPU slot	SL1
Rear keyboard connector	JP14	Auxiliary bus slots	SL2 – SL6

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Slot 7 card type select EISA	JP1	Pins 2 & 3 closed
Slot 7 card type select ISA	JP1	Pins 1 & 2 closed
í Slot 5 card type select EISA	JP2	Pins 2 & 3 closed
Slot 5 card type select ISA	JP2	Pins 1 & 2 closed
í Slot 3 card type select EISA	JP3	Pins 2 & 3 closed
Slot 3 card type select ISA	JP3	Pins 1 & 2 closed
í Slot 1 card type select EISA	JP4	Pins 2 & 3 closed
Slot 1 card type select ISA	JP4	Pins 1 & 2 closed
í Slot 9 card type select EISA	JP5	Pins 2 & 3 closed
Slot 9 card type select ISA	JP5	Pins 1 & 2 closed
í Slot 11 card type select EISA	JP6	Pins 2 & 3 closed
Slot 11 card type select ISA	JP6	Pins 1 & 2 closed
í Slot 13 card type select EISA	JP7	Pins 2 & 3 closed
Slot 13 card type select ISA	JP7	Pins 1 & 2 closed
í Slot 6 card type select EISA	JP8	Pins 2 & 3 closed
Slot 6 card type select ISA	JP8	Pins 1 & 2 closed
í Slot 4 card type select EISA	JP9	Pins 2 & 3 closed
Slot 4 card type select ISA	JP9	Pins 1 & 2 closed
í Slot 2 card type select EISA	JP10	Pins 2 & 3 closed
Slot 2 card type select ISA	JP10	Pins 1 & 2 closed
í Slot 8 card type select EISA	JP11	Pins 2 & 3 closed
Slot 8 card type select ISA	JP11	Pins 1 & 2 closed
í Slot 10 card type select EISA	JP12	Pins 2 & 3 closed
Slot 10 card type select ISA	JP12	Pins 1 & 2 closed
í Slot 12 card type select EISA	JP13	Pins 2 & 3 closed
Slot 12 card type select ISA	JP13	Pins 1 & 2 closed
Note: Slot 1 is located at the top of the diagram.		