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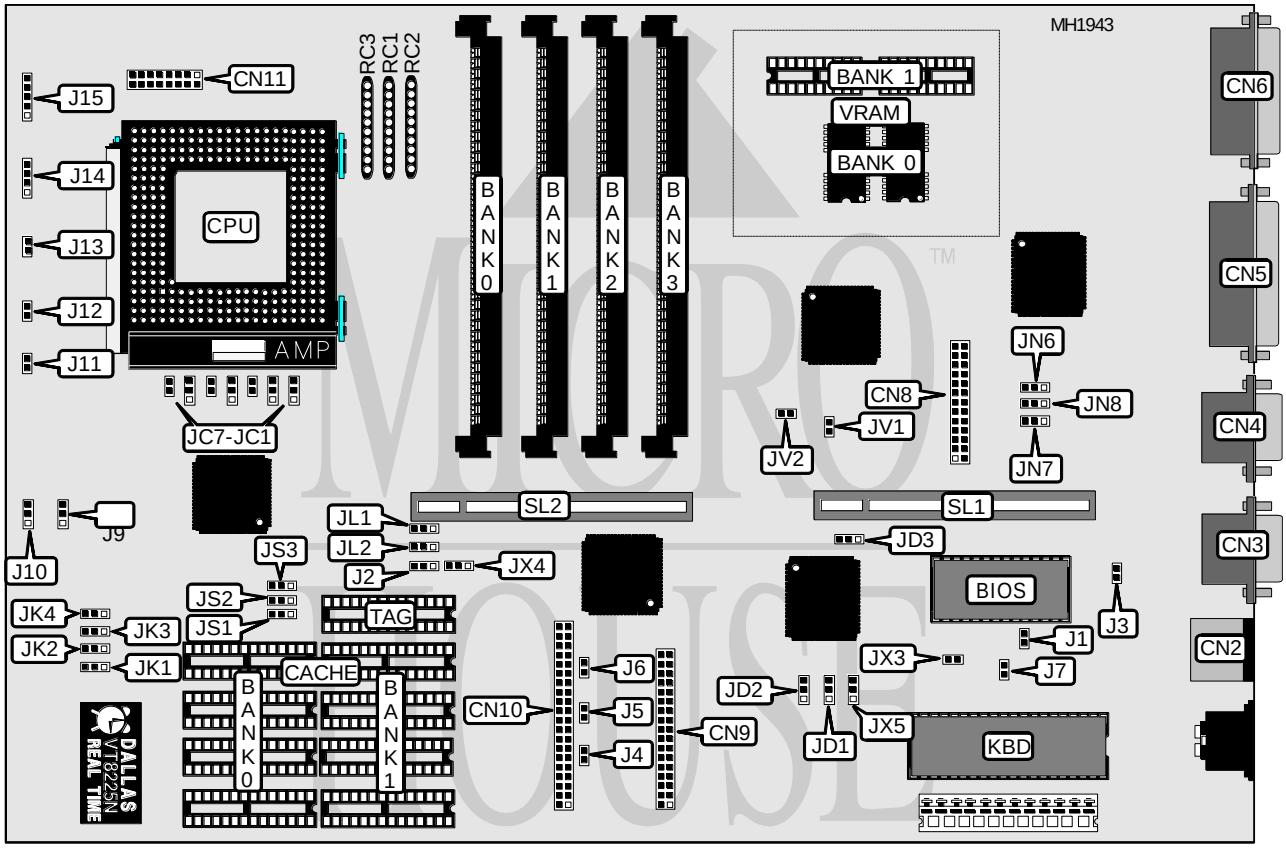
Processor	80486SX/CX486S/SL enhanced/80486DX 80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/66(internal)/100(internal)MHz
Chip Set	VIA
Max. Onboard DRAM	64MB
Cache	64/128/256KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	3.3V Daughter board connector, 32-bit VESA local bus slot, floppy drive interface,IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 keyboard connector	CN1	Green power supply connector	J3
PS/2 mouse connector	CN2	IDE interface LED	J6
Serial port 1	CN3	Turbo switch	J11
Serial port 2	CN4	Turbo LED	J12
Parallel port	CN5	Reset switch	J13
VGA port	CN6	Speaker	J14
Video feature connector (8514A)	CN8	Power LED & keylock	J15
Floppy drive interface	CN9	ISA Bus slot	SL1
IDE interface	CN10	32-bit VESA Local bus slot	SL2
3.3V Daughter board connector	CN11		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í I/O Channel not set to Adaptec (transfer rate < 5.7 MB/s)	J1	Open
I/O Channel set to Adaptec ISA Master (1542B/C SCSI)	J1	Closed
í IDE not connected to BALE signal	J4	Open
IDE connected to BALE signal	J4	Closed
í IDE not connected to IOCHRDY signal	J5	Open
IDE connected to IOCHRDY signal	J5	Closed
í Password enabled	J7	Open
Password clear	J7	Closed
í Factory configured do not alter	J9	pins 1 & 2 closed
Pentium Overdrive write-back	JC7	Closed
Pentium Overdrive write-through	JC7	Open
í Local IDE enabled	JD3	pins 2 & 3 closed
Local IDE disabled	JD3	pins 1 & 2 closed
í NS87312 I/O port address - index port 26eh, data port 26Fh	JN6	pins 1 & 2 closed
NS87312 I/O port address - index port 398h, data port 399h	JN6	pins 2 & 3 closed
í IRQ9 disabled	JV1	Open
IRQ9 enabled	JV1	Closed
í Onboard VGA enabled	JV2	pins 2 & 3 closed
Onboard VGA disabled	JV2	pins 1 & 2 closed

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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
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
12MB	NONE	(1) 1M x 36	(1) 2M x 36	NONE
12MB	NONE	NONE	(1) 1M x 36	(1) 2M x 36
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
16MB	NONE	(1) 1M x 36	(1) 2M x 36	(1) 1M x 36
16MB	NONE	NONE	(1) 2M x 36	(1) 2M x 36
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
21MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	NONE
22MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	NONE	NONE	(1) 8M x 36	NONE
32MB	NONE	NONE	NONE	(1) 8M x 36
33MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	NONE	(1) 4M x 36	(1) 8M x 36	NONE
48MB	NONE	NONE	(1) 4M x 36	(1) 8M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG (M9)
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JS1	JS2	JS3
64KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

VESA WAIT STATE/BUS SPEED CONFIGURATION			
CPU speed	Wait states	JL1	JL2
< 33MHz	0 wait states	pins 1 & 2 closed	pins 1 & 2 closed
> 33MHz	1 wait state	pins 2 & 3 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION				
Type	JC1	JC2	JC3	JC4
80486SX	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 1 & 2 closed
Cx486S	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 1 & 2 closed
Cx487S	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
Cx486DX	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
AM486DXL	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
80486DX4	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2 closed	pins 1 & 2 closed	Closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION (CONTINUED)				
Type	JC5	RC1	RC2	RC3
80486SX	Open	Not Installed	Not Installed	Not Installed
Cx486S	Open	Not Installed	Installed	Not Installed
Cx486DX	Open	Not Installed	Installed	Not Installed
AM486DXL	Open	Not Installed	Not Installed	Installed
80486DX	Open	Not Installed	Not Installed	Not Installed
80486DX2	Open	Not Installed	Not Installed	Not Installed
80486DX4	Closed	Installed	Not Installed	Not Installed

CPU TYPE CONFIGURATION (CONTINUED)					
Type	J2	J10	JX3	JX4	JX5
Regular CPU	pins 1 & 2	pins 1 & 2	N/A	Open	pins 1 & 2
SL-enhanced	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3
Cyrix CPU	N/A	N/A	pins 2 & 3	pins 2 & 3	N/A

Note: JX3 may not be available on some mainboards.
Pins designated are in the closed position.

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CPU SPEED (VT8225N) CONFIGURATION				
Clock	JK1	JK2	JK3	JK4
25 MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
33 MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
40 MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
50iMHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
50 MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed

DX4 INTERNAL CLOCK CONFIGURATION	
Speed	JC6
í Internal 3 X	Open
Internal 2.5 X	pins 1 & 2 closed
Internal 2 X	pins 2 & 3 closed

IDE SPEED SELECT CONFIGURATION (PDC 20230 ONLY)		
IDE Type	JD1	JD2
í Normal	pins 2 & 3 closed	pins 2 & 3 closed
Fast	pins 1 & 2 closed	pins 1 & 2 closed
Medium	pins 2 & 3 closed	pins 1 & 2 closed

PRINTER PORT DIRECTION CONFIGURATION		
Direction	JN7	JN8
í Output only	pins 1 & 2 closed	pins 2 & 3 closed
Input only	pins 1 & 2 closed	pins 1 & 2 closed
Bi-directional	pins 2 & 3 closed	Closed

VRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(2) 512K x 4	NONE
2MB	(2) 512K x 4	(2) 512K x 4