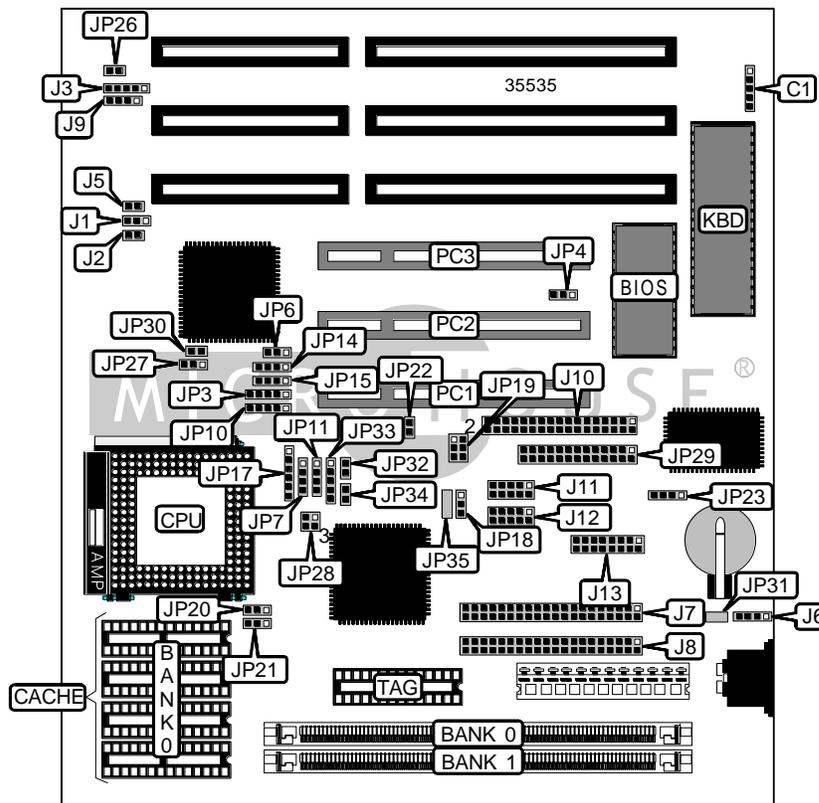


ZIDA TECHNOLOGIES INC.

4DPS (VER. 3.10)

Device Type	Mainboard
Processor	CX 486S/80486SX/SL80486SX/SL80486SX2/AM486DX/80486DX/ SL80486DX/CX486DX2/AM486DX2/80486DX2/SL80486DX2/ CX486DX4/AM486DX4/(SL)AM486DX4/80486DX4/P24D/P24T/ CX 5X86/AM 5X86
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)/120(internal)MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	128/256/512KB
BIOS	Award
Dimensions	220mm x 170mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse interface	C1	Floppy drive interface	J10
Turbo switch	J1	Serial port 2	J11
Turbo LED	J2	Serial port 1	J12
Power LED & keylock	J3	Game interface	J13
Reset switch	J5	IR connector	JP23
IDE interface 2	J7	IDE interface LED	JP26
IDE interface 1	J8	Parallel port	JP29
Speaker	J9	32-bit PCI slots	PC1 – PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	J6	Pins 1 & 2 closed
CMOS memory clear	J6	Pins 3 & 4 closed
BIOS type select flash	JP4	Pins 1 & 2 closed
BIOS type select EPROM	JP4	Pins 2 & 3 closed
í Factory configured - do not alter	JP22	Open
í Factory configured - do not alter	JP31	Unidentified
í Factory configured - do not alter	JP35	Unidentified

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(1) 256K x 36	None
2MB	(1) 512K x 36	None
4MB	(1) 1M x 36	None
4MB	(1) 512K x 36	(1) 512K x 36
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 2M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None
16MB	(1) 2M x 36	(1) 2M x 36
18MB	(1) 4M x 36	(1) 512K x 36
20MB	(1) 4M x 36	(1) 1M x 36

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
24MB	(1) 4M x 36	(1) 2M x 36
32MB	(1) 8M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36
33MB	(1) 8M x 36	(1) 256K x 36
34MB	(1) 8M x 36	(1) 512K x 36
36MB	(1) 8M x 36	(1) 1M x 36
40MB	(1) 8M x 36	(1) 2M x 36
48MB	(1) 8M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 16K/32K x 8
256KB	(4) 64K x 8	(1) 16K/32K x 8
512KB	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION		
Size	JP20	JP21
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 1 & 2 closed	Pins 2 & 3 closed
512KB	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION		
Speed	JP18	JP19
25MHz	Pins 2 & 3 closed	Pins 5 & 6 closed
33MHz	Pins 2 & 3 closed	Open
40MHz	Pins 2 & 3 closed	Pins 3 & 4, 5 & 6 closed
50iMHz	Pins 2 & 3 closed	Pins 5 & 6 closed
50MHz	Pins 1 & 2 closed	Pins 1 & 2 closed
66iMHz	Pins 2 & 3 closed	Open
75iMHz	Pins 2 & 3 closed	Pins 5 & 6 closed
80iMHz	Pins 2 & 3 closed	Pins 3 & 4, 5 & 6 closed
100iMHz	Pins 2 & 3 closed	Open
120iMHz	Pins 2 & 3 closed	Pins 3 & 4, 5 & 6 closed

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CPU TYPE SELECTION				
Type	JP3	JP6	JP7	JP10
CX 486S	2 & 3	1 & 2	1 & 2	2 & 3
80486SX	Open	Open	Open	Open
SL80486SX	1 & 2	1 & 2	Open	Open
SL80486SX2	1 & 2	1 & 2	Open	Open
AM486DX	Open	2 & 3	Open	Open
80486DX	1 & 2	2 & 3	Open	Open
SL80486DX	1 & 2	2 & 3	1 & 2	Open
CX486DX2 ¹	2 & 3	1 & 2	1 & 2	2 & 3
AM486DX2	Open	2 & 3	Open	Open
80486DX2	1 & 2	2 & 3	Open	Open
SL80486DX2	1 & 2	2 & 3	1 & 2	Open
CX486DX4 ¹	2 & 3	1 & 2	1 & 2	2 & 3
CX486DX4 ²	1 & 2	2 & 3	1 & 2	1 & 2
AM486DX4	Open	2 & 3	Open	Open
(SL) AM486DX4	1 & 2	2 & 3	1 & 2	1 & 2
80486DX4 (WB)	1 & 2	2 & 3	1 & 2	1 & 2
80486DX4 (WT)	1 & 2	2 & 3	1 & 2	Open
P24D	1 & 2	2 & 3	1 & 2	1 & 2
P24T	1 & 2	2 & 3	1 & 2	Open
CX 5X86	1 & 2	2 & 3	1 & 2	1 & 2
AM 5X86	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position. ¹ = M7 pin out. ² = Intel pin out.

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CPU TYPE SELECTION (CON'T)				
Type	JP11	JP14	JP15	JP17
CX 486S	2 & 3	2 & 3	2 & 3	2 & 3
80486SX	2 & 3	2 & 3	Open	Open
SL80486SX	2 & 3	2 & 3	1 & 2	Open
SL80486SX2	2 & 3	2 & 3	1 & 2	Open
AM486DX	2 & 3	1 & 2, 3 & 4	Open	Open
80486DX	2 & 3	1 & 2, 3 & 4	1 & 2	Open
SL80486DX	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
CX486DX2 ¹	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
AM486DX2	2 & 3	1 & 2, 3 & 4	Open	Open
80486DX2	2 & 3	1 & 2, 3 & 4	1 & 2	Open
SL80486DX2	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
CX486DX4 ¹	2 & 3	1 & 2, 3 & 4	2 & 3	2 & 3
CX486DX4 ²	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
AM486DX4	2 & 3	1 & 2, 3 & 4	Open	Open
(SL) AM486DX4	1 & 2	1 & 2, 3 & 4	1 & 2	1 & 2
80486DX4 (WB)	1 & 2	1 & 2, 3 & 4	1 & 2	1 & 2
80486DX4 (WT)	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
P24D	1 & 2	1 & 2, 3 & 4	1 & 2	1 & 2
P24T	2 & 3	1 & 2, 3 & 4	Open	1 & 2
CX 5X86	2 & 3	1 & 2, 3 & 4	1 & 2	1 & 2
AM 5X86	1 & 2	1 & 2, 3 & 4	1 & 2	1 & 2, 5 & 6

Note: Pins designated should be in the closed position. ¹ = M7 pin out. ² = Intel pin out.

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CPU TYPE SELECTION (CON'T)			
Type	JP32	JP33	JP34
CX 486S	Closed	1 & 2, 3 & 4	Open
80486SX	Closed	1 & 2, 3 & 4	Open
SL80486SX	Closed	1 & 2, 3 & 4	Open
SL80486SX2	Closed	1 & 2, 3 & 4	Open
AM486DX	Closed	1 & 2, 3 & 4	Open
80486DX	Closed	1 & 2, 3 & 4	Open
SL80486DX	Closed	1 & 2, 3 & 4	Open
CX486DX2 ¹	Closed	1 & 2, 3 & 4	Open
AM486DX2	Closed	1 & 2, 3 & 4	Open
80486DX2	Closed	1 & 2, 3 & 4	Open
SL80486DX2	Closed	1 & 2, 3 & 4	Open
CX486DX4 ¹	Closed	1 & 2, 3 & 4	Open
CX486DX4 ²	Closed	1 & 2, 3 & 4	Open
AM486DX4	Closed	1 & 2, 3 & 4	Open
(SL) AM486DX4	Closed	1 & 2, 3 & 4	Open
80486DX4 (WB)	Closed	1 & 2, 3 & 4	Open
80486DX4 (WT)	Closed	1 & 2, 3 & 4	Open
P24D	Closed	1 & 2, 3 & 4	Open
P24T	Closed	1 & 2, 3 & 4	Open
CX 5X86	Closed	1 & 2, 3 & 4	Open
AM 5X86	Closed	1 & 2, 3 & 4	Open

Note: Pins designated should be in the closed position. ¹ = M7 pin out. ² = Intel pin out.

CPU VOLTAGE SELECTION			
Voltage	JP27	JP28	JP30
í 3.3v/3.45v	Pins 2 & 3 closed	Open	Open
3.6v	Open	Open	Closed
5v	Pins 1 & 2 closed	Pins 1 & 2, 3 & 4 closed	Open