

CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse port	J1	Reset switch	J5
Power LED & keylock	J2	32-bit VESA Local bus slots	SL1, SL2, SL3
Speaker	J3	32-bit PCI slots	P1, P2, P3, P4
Turbo switch	J4		

USER CONFIGURABLE SETTINGS

Function	Jumper	Position
» Factory configured - do not alter	J6	Open
» Factory configured - do not alter	JP15	Open
» Parity check enabled	JP16	Open
Parity check disabled	JP16	Closed
» Monitor type select color	JP21	pins 1 & 2 closed
Monitor type select monochrome	JP21	pins 2 & 3 closed
» Factory configured - do not alter	JP41	Open
» Factory configured - do not alter	JP43	Open
» Factory configured - do not alter	JP44	Open
» Factory configured - do not alter	JP81	Open

CMOS CONFIGURATION

Type	JP22	JP23	JP26
CMOS memory normal	Closed	Open	Open
CMOS memory clear	Open	Closed	Closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
8MB	(2) 1M x 36	NONE
10MB	(2) 1M x 36	(2) 256K x 36
16MB	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	NONE
34MB	(2) 4M x 36	(2) 256K x 36
40MB	(2) 4M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
66MB	(2) 8M x 36	(2) 256K x 36
72MB	(2) 8M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(2) 16K x 4
128KB	(4) 32K x 8	NONE	(2) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	(2) 16K x 4
512KB	(4) 128K x 8	NONE	(2) 32K x 4

CACHE JUMPER CONFIGURATION				
Size	JP6	JP7	JP8	JP9
64KB	Open	Open	Open	Open

128KB	Closed	Open	Open	Closed
256KB	Closed	Closed	Open	Closed
512KB	Closed	Closed	Closed	Closed

CACHE JUMPER CONFIGURATION (CON'T)

Size	JP10	JP11	JP17	JP18
64KB	Open	Open	pins 2 & 3 closed	pins 2 & 3 closed
128KB	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
256KB	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed
512KB	Closed	Closed	pins 1 & 2 closed	pins 1 & 2 closed

L2 CACHE CONFIGURATION

Size	J11	J12	J13
Standard	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Interleaved	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

CACHE CONTROL CONFIGURATION

Wait states	Tag bit size	JP14	JP20
0 wait states	7 bit	pins 1 & 2 closed	pins 1 & 2 closed
1 wait state	8 bit	pins 2 & 3 closed	pins 2 & 3 closed

CACHE MODE CONFIGURATION (L2)

Type	JP4	JP19
L2 cache (write-through)	Open	pins 1 & 2 closed
L2 cache (write-back)	Closed	pins 1 & 2 closed
L2 cache (disabled)	N/A	pins 2 & 3 closed

CACHE MODE CONFIGURATION (PENTIUM OVERDRIVE)

Type	JP2	JP60
Overdrive (write-through)	Open	pins 1 & 2 closed
Overdrive (write-back)	Closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION

Type	JP1	JP3	JP12	JP13	JP27	JP28
80486SX-20	2 & 3	1 & 2	2 & 3	2 & 3	Closed	Closed
80486SX-25	2 & 3	1 & 2	2 & 3	2 & 3	Open	Closed
80486SX-33	2 & 3	1 & 2	1 & 2	2 & 3	Closed	Open
80486DX-20	1 & 2, 3 & 4	1 & 2	2 & 3	2 & 3	Closed	Closed
80486DX-25	1 & 2, 3 & 4	1 & 2	2 & 3	2 & 3	Open	Closed
80486DX-33	1 & 2, 3 & 4	1 & 2	1 & 2	2 & 3	Closed	Open
80486DX2-50	1 & 2, 3 & 4	1 & 2	2 & 3	2 & 3	Open	Closed
80486DX2-66	1 & 2, 3 & 4	1 & 2	1 & 2	2 & 3	Closed	Open
Overdrive	1 & 2, 3 & 4	2 & 3	1 & 2	2 & 3	Closed	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE CONFIGURATION

Voltage	JP5/A	JP5/B	JP5/C	JP5/D
5.0V CPU	Open	Open	Closed	Closed
80486DX4 CPU	Open	Open	Open	Open

VESA WAIT STATE/BUS SPEED CONFIGURATION

CPU speed	Wait states	JP36	JP37
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< 33MHz	0 wait states	Open	Open
> 33MHz	1 wait state	Closed	Closed

PCI ADDRESS CONFIGURATION

Address (Slot 1)	Address (Slot 2)	JP70	JP71
Address 17	Address 17	pins 1 & 2 closed	pins 1 & 2 closed
Address 28	Address 29	pins 2 & 3 closed	pins 2 & 3 closed

PCI IRQ CONFIGURATION

IRQ Type	JP33 (IRQ9)	JP34 (IRQ10)	JP35 (IRQ11)	JP38 (IRQ14)
Standard	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Inverted	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

PCI LEVEL TRIGGER IRQ CONFIGURATION

IRQ Type	JP39
IRQ9	pins 1 & 2 closed
IRQ10	pins 3 & 4 closed
IRQ11	pins 5 & 6 closed
IRQ14	pins 7 & 8 closed
IRQ15	pins 9 & 10 closed

SYSTEM BIOS CONFIGURATION

Type	JP24	JP25
Normal	Open	pins 1 & 2 closed
Flash	Closed	pins 1 & 2 closed
Recover	Open	pins 2 & 3 closed

