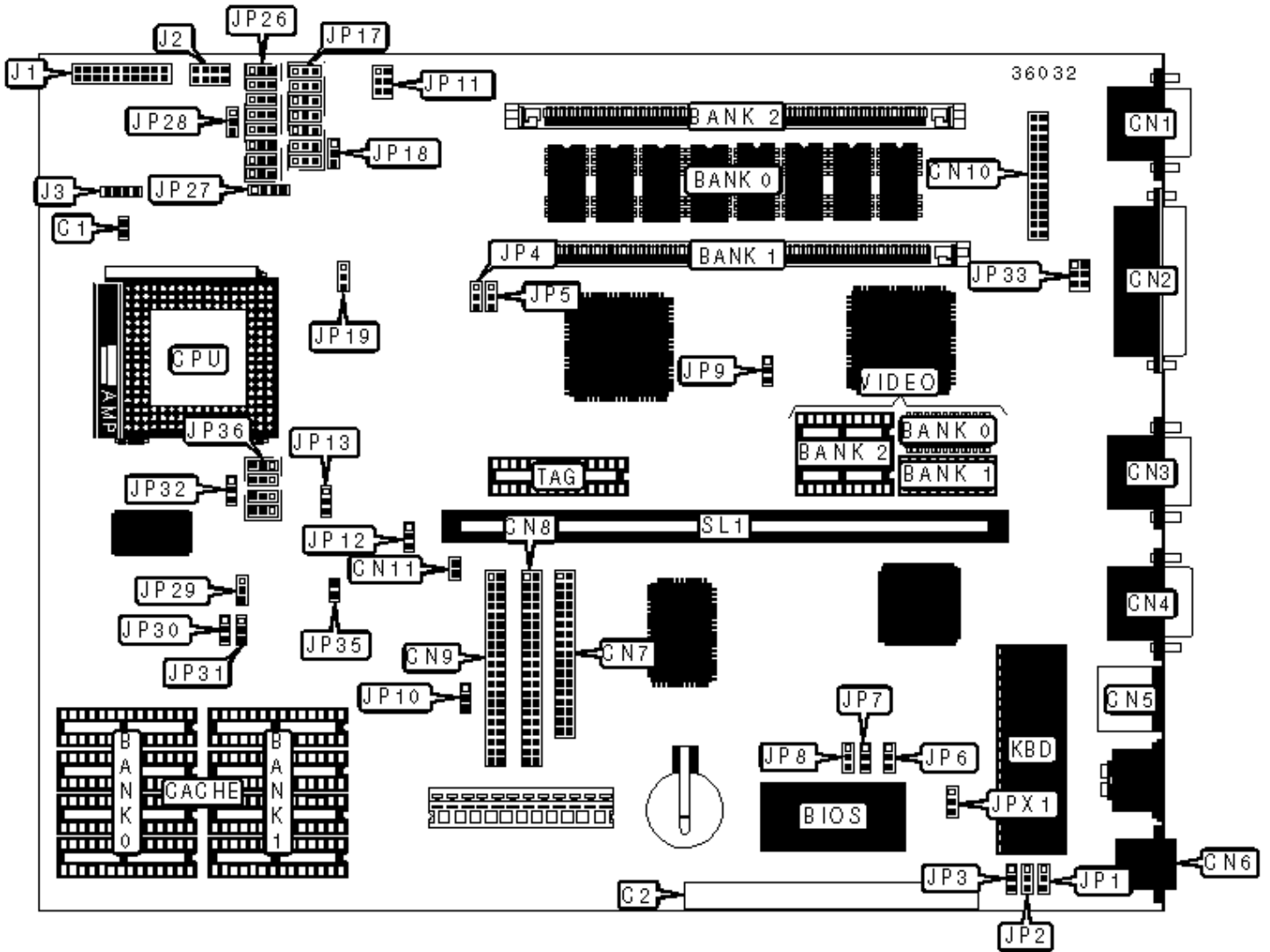


ACER, INC.

ACERMATE 486/G (A1GX-2) (CACHE)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
Chassis fan power	C1	Ethernet 10BaseT connector	CN6
Feature connector	C2	Floppy drive interface	CN7
VGA port	CN1	IDE interface 2	CN8
Parallel port	CN2	IDE interface 1	CN9
Serial port 2	CN3	VGA feature connector	CN10
Serial port 1	CN4	Riser slot	SL1
PS/2 mouse port	CN5		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	CN11	Unidentified
» Factory configured - do not alter	J1	Unidentified
» Factory configured - do not alter	J2	Unidentified
» Factory configured - do not alter	J3	Unidentified
BIOS type select Acer	JP1	Pins 2 & 3 closed
BIOS type select OEM	JP1	Pins 1 & 2 closed
Password disabled	JP2	Pins 2 & 3 closed
Password enabled	JP2	Pins 1 & 2 closed
Normal boot enabled	JP3	Pins 2 & 3 closed
COM1 boot enabled	JP3	Pins 1 & 2 closed
» Factory configured - do not alter	JP4	Unidentified
On board I/O enabled	JP6	Pins 2 & 3 closed
On board I/O disabled	JP6	Pins 1 & 2 closed
On board video enabled	JP9	Pins 2 & 3 closed

	On board video disabled	JP9	Pins 1 & 2 closed
	IDE address select 074H, 078H, 07CH	JP10	Pins 2 & 3 closed
	IDE address select 0F4H, 0F8H, 0FCH	JP10	Pins 1 & 2 closed
»	Factory configured - do not alter	JP13	Unidentified
	Reset button enabled	JP28	Pins 2 & 3 closed
	Reset/green PC button enabled	JP28	Pins 1 & 2 closed
	IDE interface enabled	JP29	Pins 2 & 3 closed
	IDE interface disabled	JP29	Pins 1 & 2 closed
	Feature connector enabled	JP33	Pins 1 & 2 closed
	I2C interface enabled	JP33	Pins 2 & 3 closed
	IDE LED enabled	JP35	Open
	IDE, FDD, CD-ROM LED enabled	JP35	Closed
	BIOS type select EPROM	JPX1	Pins 2 & 3 closed
	BIOS type select flash	JPX1	Pins 1 & 2 closed

### SIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
4MB	4MB	None	None
4MB	None	(1) 1M x 36	None
8MB	4MB	(1) 1M x 36	None
8MB	None	(1) 2M x 36	None
8MB	None	(1) 1M x 36	(1) 1M x 36
12MB	4MB	(1) 2M x 36	None
12MB	4MB	(1) 1M x 36	(1) 1M x 36
12MB	None	(1) 1M x 36	(1) 2M x 36
16MB	4MB	(1) 2M x 36	(1) 1M x 36

16MB	None	(1) 4M x 36	None
16MB	None	(1) 2M x 36	(1) 2M x 36
20MB	4MB	(1) 4M x 36	None
20MB	None	(1) 1M x 36	(1) 4M x 36
24MB	4MB	(1) 1M x 36	(1) 4M x 36
24MB	None	(1) 2M x 36	(1) 4M x 36
28MB	4MB	(1) 2M x 36	(1) 4M x 36
32MB	None	(1) 4M x 36	(1) 4M x 36
36MB	4MB	(1) 4M x 36	(1) 4M x 36

### SIMM JUMPER CONFIGURATION

Size	JP5
On board memory enabled	Pins 2 & 3 closed
On board memory disabled	Pins 1 & 2 closed

### CACHE CONFIGURATION

Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

### CACHE JUMPER CONFIGURATION

Size	JP30	JP31
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed

### VIDEO MEMORY CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
512KB	(1) 256K x 16	None	None
1MB	(1) 256K x 16	(1) 256K x 16	None
2MB	(1) 256K x 16	(1) 256K x 16	(2) 256K x 16

### CPU SPEED SELECTION

Speed	JP11	JP12
25MHz	Pins 1 & 5 closed	Pins 1 & 2 closed
33MHz	Pins 1 & 5 closed	Pins 1 & 2 closed
40MHz	Pins 2 & 6 closed	Pins 2 & 3 closed
50iMHz	Pins 1 & 5 closed	Pins 1 & 2 closed
66iMHz	Pins 1 & 5 closed	Pins 1 & 2 closed
75iMHz	Pins 1 & 5 closed	Pins 1 & 2 closed
100iMHz	Pins 1 & 5 closed	Pins 1 & 2 closed

### CPU TYPE SELECTION

Type	JP17A	JP17B	JP17C	JP17D	JP17E
80486	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
80486 (WB)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
TI486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
CX486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
TI486DX2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX2(SV8T)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

(SL)AM486DX2(SV8B)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
P24C	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
P24D	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
AMD NV8T	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
AMD NV8B	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX4	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX4	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX4(SV8T)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
(SL)AM486DX4(SV8B)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
P24T	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
CX 5X86	1 & 2	2 & 3	2 & 3	Open	Open
IBM 5X86	1 & 2	2 & 3	2 & 3	Open	Open
Note: Pins designated should be in the closed position. * = 3.3v, 3.45v CPU.					

<b>CPU TYPE SELECTION (CON'T)</b>					
Type	JP17F	JP17G	JP18	JP19	JP26A
80486	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
80486 (WB)	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
CX486DX2 *	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
IBM486DX2 *	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
TI486DX2 *	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
CX486DX2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
IBM486DX2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
TI486DX2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
(SL)AM486DX2(SV8T)	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
(SL)AM486DX2(SV8B)	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2

P24C	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
P24D	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
AMD NV8T	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
AMD NV8B	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
CX486DX4	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
IBM486DX4	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
(SL)AM486DX4(SV8T)	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
(SL)AM486DX4(SV8B)	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
P24T	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
CX 5X86	Open	Open	Open	1 & 2	Open
IBM 5X86	Open	Open	Open	1 & 2	Open
Note: Pins designated should be in the closed position. * = 3.3v, 3.45v CPU.					

<b>CPU TYPE SELECTION (CON'T)</b>					
Type	JP26B	JP26C	JP26D	JP26E	JP26F
80486	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
80486 (WB)	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
CX486DX2 *	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
IBM486DX2 *	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
TI486DX2 *	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
IBM486DX2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
TI486DX2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
(SL)AM486DX2(SV8T)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
(SL)AM486DX2(SV8B)	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
P24C	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

P24D	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
AMD NV8T	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
AMD NV8B	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX4	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
IBM486DX4	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
(SL)AM486DX4(SV8T)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
(SL)AM486DX4(SV8B)	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
P24T	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
CX 5X86	Open	Open	1 & 2	1 & 2	2 & 3
IBM 5X86	Open	Open	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position. \* = 3.3v, 3.45v CPU.

### CPU TYPE SELECTION (CON'T)

Type	JP26G	JP26H	JP27	JP32
80486	2 & 3	2 & 3	3 & 4	1 & 2
80486 (WB)	1 & 2	1 & 2	3 & 4	1 & 2
CX486DX2 *	2 & 3	2 & 3	3 & 4	1 & 2
IBM486DX2 *	2 & 3	2 & 3	3 & 4	1 & 2
TI486DX2 *	2 & 3	2 & 3	3 & 4	1 & 2
CX486DX2	2 & 3	2 & 3	3 & 4	2 & 3
IBM486DX2	2 & 3	2 & 3	3 & 4	2 & 3
TI486DX2	2 & 3	2 & 3	3 & 4	2 & 3
(SL)AM486DX2 (SV8T)	2 & 3	2 & 3	2 & 3	1 & 2
(SL)AM486DX2 (SV8B)	1 & 2	1 & 2	2 & 3	1 & 2
P24C	2 & 3	2 & 3	3 & 4	1 & 2
P24D	1 & 2	1 & 2	3 & 4	1 & 2



AMD NV8T	2 & 3	2 & 3	3 & 4	1 & 2
AMD NV8B	2 & 3	2 & 3	3 & 4	1 & 2
CX486DX4	2 & 3	2 & 3	3 & 4	1 & 2
IBM486DX4	2 & 3	2 & 3	3 & 4	1 & 2
(SL)AM486DX4 (SV8T)	2 & 3	2 & 3	3 & 4	1 & 2
(SL)AM486DX4 (SV8B)	1 & 2	1 & 2	3 & 4	1 & 2
P24T	1 & 2	1 & 2	1 & 2	1 & 2
CX 5X86	1 & 2	Open	3 & 4	1 & 2
IBM 5X86	1 & 2	Open	3 & 4	1 & 2

Note: Pins designated should be in the closed position. \* = 3.3v, 3.45v CPU.

### CPU TYPE SELECTION (CON'T)

Type	JP36A	JP36B	JP36C	JP36D
80486	2 & 3	2 & 3	2 & 3	2 & 3
80486 (WB)	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2
TI486DX2 *	1 & 2	1 & 2	1 & 2	1 & 2
CX486DX2	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX2	1 & 2	1 & 2	1 & 2	1 & 2
TI486DX2	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX2 (SV8T)	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX2 (SV8B)	1 & 2	1 & 2	1 & 2	1 & 2
P24C	2 & 3	2 & 3	2 & 3	2 & 3
P24D	2 & 3	2 & 3	2 & 3	2 & 3
AMD NV8T	2 & 3	2 & 3	2 & 3	2 & 3

AMD NV8B	2 & 3	2 & 3	2 & 3	2 & 3
CX486DX4	1 & 2	1 & 2	1 & 2	1 & 2
IBM486DX4	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX4 (SV8T)	1 & 2	1 & 2	1 & 2	1 & 2
(SL)AM486DX4 (SV8B)	1 & 2	1 & 2	1 & 2	1 & 2
P24T	2 & 3	2 & 3	2 & 3	2 & 3
CX 5X86	1 & 2	1 & 2	1 & 2	1 & 2
IBM 5X86	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position. * = 3.3v, 3.45v CPU.				

<b>DMA CHANNEL SELECTION</b>		
Channel	JP7	JP8
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed