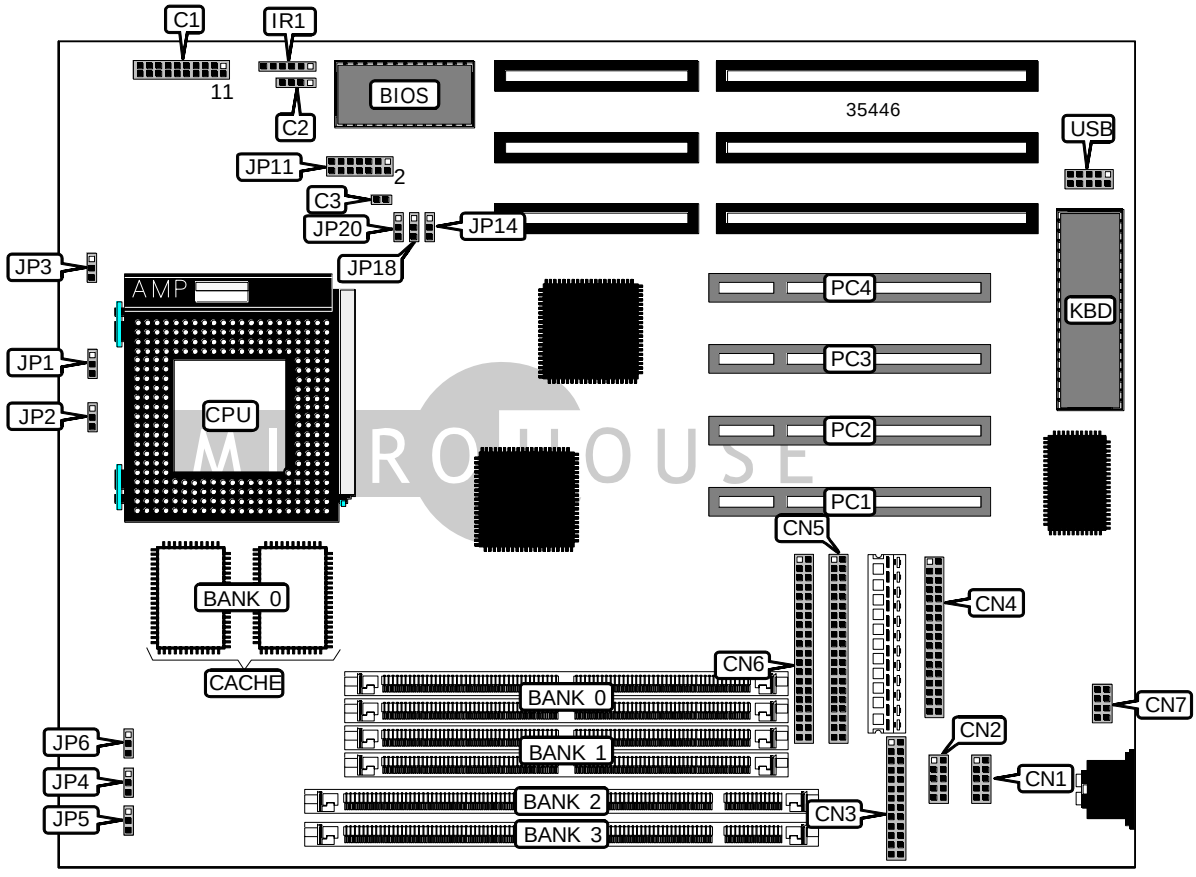
ACER, INC.
A P 5 T (R E V . 2 . 0)

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 686MX/IDT C6/AM K5/AM K6/Pentium/ Pentium MMX
Processor Speed	90/100/120/133/150/166/200/233/266MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), USB connector, IR connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Power LED & keylock	C1/pins 1 – 5	Parallel port	CN3
Speaker	C1/pins 7 - 10	Floppy drive interface	CN4
Green PC LED	C1/pins 12 & 13	IDE interface 1	CN5
Green PC connector	C1/pins 15 - 17	IDE interface 2	CN6
Reset switch	C1/pins 19 & 20	PS/2 mouse interface	CN7
IDE interface LED	C2	IR connector	IR1
Chassis fan power	C3	32-bit PCI slots	PC1 – PC4
Serial port 2	CN1	USB connector	USB
Serial port 1	CN2		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP14	Pins 1 & 2 closed
CMOS memory clear	JP14	Pins 2 & 3 closed
í On board I/O enabled	JP18	Pins 1 & 2 closed
On board I/O disabled	JP18	Pins 2 & 3 closed
í PS/2 mouse enabled	JP20	Pins 1 & 2 closed
PS/2 mouse disabled	JP20	Pins 2 & 3 closed

SIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 16M x 36	None

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SIMM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
128MB	(2) 8M x 36	(2) 8M x 36
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION		
Size	**Bank 2**	**Bank 3**
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.		

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CACHE CONFIGURATION	
Size	**Bank 0**
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
166MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
266MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IDT C6)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
150MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (AM K5)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	1.75x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

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CPU VOLTAGE SELECTION (SINGLE)	
Voltage	**JP11**
3.45v	Pins 1 & 2 closed

CPU VOLTAGE SELECTION (DUAL)		
Voltage	**V core**	**JP11**
3.45v	2.0v	Pins 11 & 12 closed
3.45v	2.2v	Pins 11 & 12 closed
3.45v	2.5v	Pins 11 & 12 closed
3.45v	2.8v	Pins 7 & 8 closed
3.45v	2.9v	Pins 5 & 6 closed
3.45v	3.2v	Pins 9 & 10 closed
3.45v	3.52v	Pins 3 & 4 closed