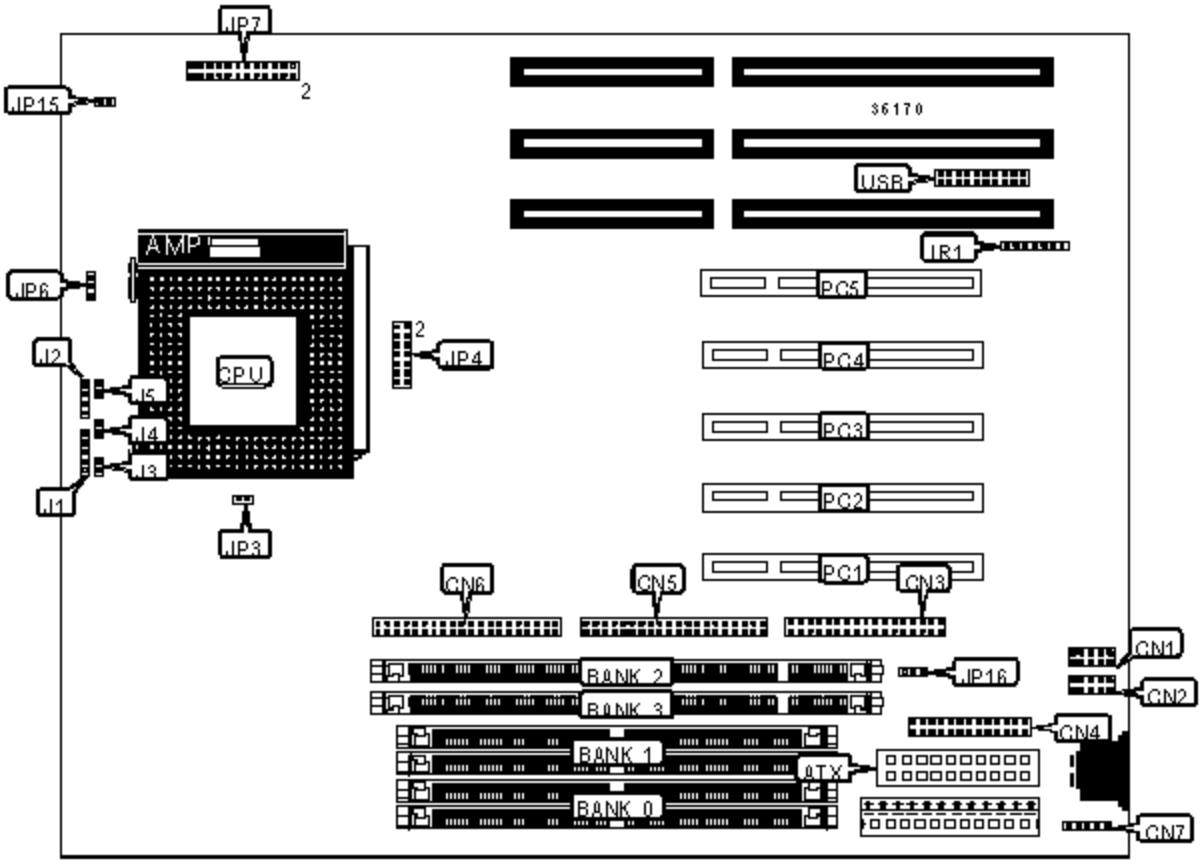
IWILL CORPORATION

P55XB2

Processor	CX M1/CX M2/AM K5/AM K6/Pentium
Processor Speed	120/133/150/166/200/233/266/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector
NPU Options	None



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Power LED & keylock	J1
Serial port 2	CN1	Speaker	J2
Serial port 1	CN2	Turbo LED	J3
Floppy drive interface	CN3	IDE interface LED	J4
Parallel port	CN4	Reset switch	J5
IDE interface 2	CN5	Chassis fan power	JP6

IDE interface 1	CN6	Soft off power supply	JP15
PS/2 mouse interface	CN7	32-bit PCI slots	PC1 - PC5
IR connector	IR1	USB connector	USB

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP16	Pins 1 & 2 closed
	CMOS memory clear	JP16	Pins 2 & 3 closed

DIMM/DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 36	None	None	None
8MB	None	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 1M x 36	None	None	(1) 1M x 64
16MB	None	None	(1) 1M x 64	(1) 1M x 64
24MB	None	(2) 2M x 36	(1) 1M x 64	None
32MB	(2) 4M x 36	None	None	None
32MB	None	None	(1) 4M x 64	None
32MB	(2) 2M x 36	None	None	(1) 2M x 64
32MB	None	(2) 2M x 36	(1) 2M x 64	None
40MB	(2) 4M x 36	(2) 1M x 36	None	None
40MB	(2) 4M x 36	None	None	(1) 1M x 64
48MB	(2) 2M x 36	None	None	(1) 4M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None	None

48MB	(2) 4M x 36	None	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None	None
64MB	None	None	None	(1) 8M x 64
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 4M x 36	None	None	(1) 4M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64
72MB	(2) 8M x 36	(2) 1M x 36	None	None
72MB	(2) 8M x 36	None	None	(1) 1M x 64
80MB	None	(2) 2M x 36	(1) 8M x 64	None
80MB	(2) 2M x 36	None	None	(1) 8M x 64
80MB	(2) 8M x 36	(2) 2M x 36	None	None
80MB	(2) 8M x 36	None	None	(1) 2M x 64
96MB	(2) 4M x 36	None	None	(1) 8M x 64
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	None	(2) 8M x 36	(1) 4M x 64	None
128MB	(2) 8M x 36	None	None	(1) 8M x 64

DIMM/DRAM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
128MB	None	None	(1) 8M x 64	(1) 8M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
160MB	(2) 16M x 36	(2) 4M x 36	None	None
192MB	(2) 16M x 36	(2) 8M x 36	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None

Note: Board accepts EDO memory. Memory installed in banks 0 & 1 and banks 2 & 3 is interchangeable.

CACHE CONFIGURATION
Note: Board is factory installed with 512KB cache. The location is unidentified.

CPU SPEED SELECTION (CX M1)			
CPU speed	**Clock speed**	**Multiplier**	**JP7**
150MHz	60MHz	2x	5 & 6, 19 & 21
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (CX M2)			
CPU speed	**Clock speed**	**Multiplier**	**JP7**
166MHz	66MHz	2x	3 & 4, 19 & 21
200MHz	66MHz	3x	9 & 10, 19 & 21
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (AM K5)			
CPU speed	**Clock speed**	**Multiplier**	**JP7**
150MHz	60MHz	1.5x	7 & 8, 19 & 21
166MHz	66MHz	1.5x	11 & 12, 19 & 21
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (AM K6)			
CPU speed	**Clock speed**	**Multiplier**	**JP7**
166MHz	66MHz	1.5x	7 & 8, 19 & 21
200MHz	66MHz	3x	9 & 10, 19 & 21
233MHz	66MHz	3.5x	13 & 14, 19 & 21

266MHz	66MHz	4x	15 & 16, 19 & 21
300MHz	66MHz	4.5x	17 & 18, 19 & 21
Note: Pins designated should be in the closed position.			

CPU SPEED SELECTION (INTEL)			
CPU speed	**Clock speed**	**Multiplier**	**JP7**
120MHz	60MHz	2x	1 & 2, 19 & 21
133MHz	66MHz	2x	3 & 4, 19 & 21
150MHz	60MHz	2.5x	5 & 6, 19 & 21
166MHz	66MHz	2.5x	7 & 8, 19 & 21
200MHz	66MHz	3x	9 & 10, 19 & 21
233MHz	66MHz	3.5x	13 & 14, 19 & 21
266MHz	66MHz	4x	15 & 16, 19 & 21
Note: Pins designated should be in the closed position.			

CPU TYPE SELECTION	
Type	**JP3**
Single voltage	Closed
Dual voltage	Open

CPU VOLTAGE SELECTION	
Voltage	**JP4**
Auto	Pins 13 & 14 closed
2.83v	Pins 11 & 12 closed
2.90v	Pins 9 & 10 closed
3.10v	Pins 7 & 8 closed
3.20v	Pins 5 & 6 closed

3.38v	Pins 3 & 4 closed
3.52v	Pins 1 & 2 closed