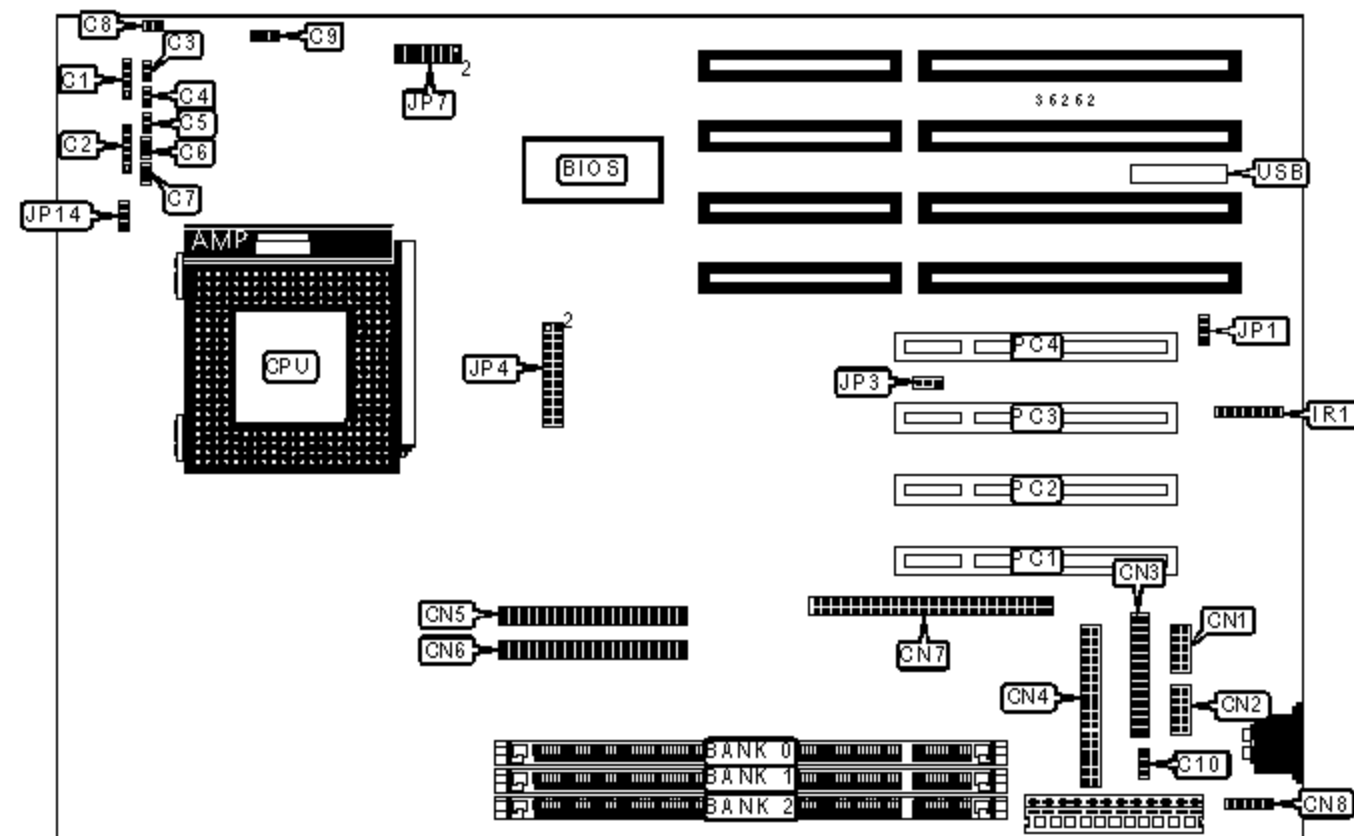


# IWILL CORPORATION

## P55XUB

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86L/AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	120/133/150/166/200/233MHz
<b>Chip Set</b>	Intel 430TX
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Cache</b>	512KB
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector



### CONNECTIONS

Purpose	Location	Purpose	Location
Speaker	C1	Serial port 1	CN2
Power LED & keylock	C2	Parallel port	CN3
Reset switch	C3	Floppy drive interface	CN4
SCSI interface LED	C4	IDE interface 1	CN5
IDE interface LED	C5	PS/2 mouse interface	CN6
Green PC connector	C6	SCSI interface	CN7
LED	C7	IDE interface 2	CN8

Soft off power supply	C8	IR connector	IR1
Chassis fan power	C9	CPU fan power	JP14
Chassis fan power	C10	32-bit PCI slots	PC1 - PC4
Serial port 2	CN1	USB connector	USB

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	JP1	Unidentified
»	Factory configured - do not alter	JP3	Unidentified

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None

64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64

168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64

Note: Board accepts EDO & SDRAM memory.

### CACHE CONFIGURATION

Note: The location of the cache is unidentified.

### CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP4
120MHz	60MHz	2x	Pins 1 & 2 closed
133MHz	66MHz	2x	Pins 3 & 4 closed
150MHz	60MHz	2.5x	Pins 5 & 6 closed
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 11 & 12 closed
233MHz	66MHz	3.5x	Pins 13 & 14 closed

### CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP4
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 9 & 10 closed

233MHz

66MHz

3.5x

Pins 13 &amp; 14 closed

**CPU SPEED SELECTION (INTEL)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JP4</b>
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 9 & 10 closed

**CPU SPEED SELECTION (INTEL MMX)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JP4</b>
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 9 & 10 closed
233MHz	66MHz	3.5x	Pins 13 & 14 closed

**CPU VOLTAGE SELECTION**

<b>Voltage</b>	<b>JP7</b>
2.1v	Pins 11 & 12 closed
2.8v	Pins 9 & 10 closed
2.9v	Pins 7 & 8 closed
3.1v	Pins 5 & 6 closed
3.2v	Pins 3 & 4 closed
3.5v	Pins 1 & 2 closed