IWILL CORPORATION
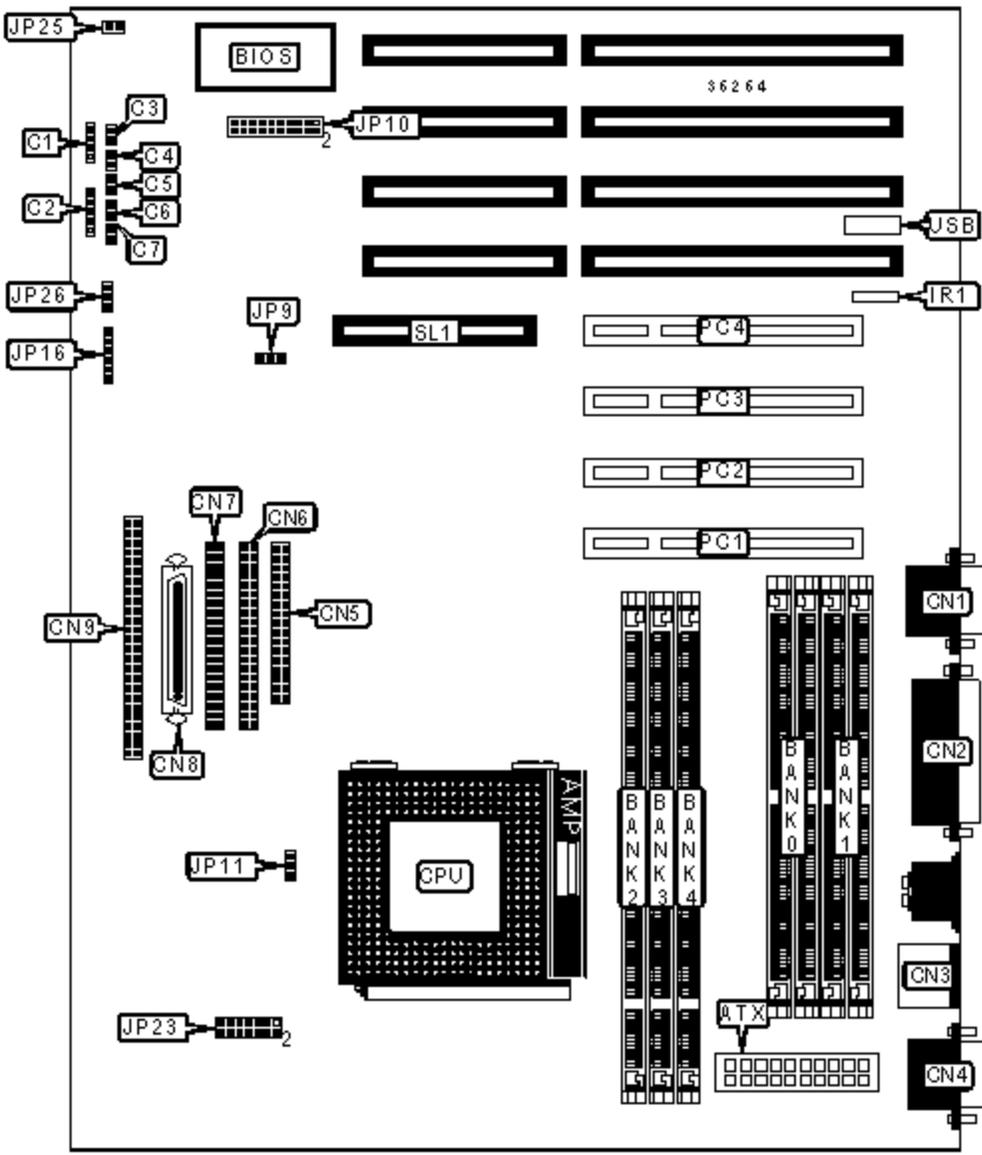
P55XUW

Device Type	Mainboard
Processor	CX 6X86L/AM K6/Pentium/Pentium MMX
Processor Speed	120/133/150/166/200/233MHz
Chip Set	Intel 430TX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	512KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), Wide SCSI interface, Ultra SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector, RAID slot

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Serial port 1	CN4
Speaker	C1	Floppy drive interface	CN5

Power LED & keylock	C2	IDE interface 1	CN6
Reset switch	C3	IDE interface 2	CN7
SCSI interface LED	C4	Wide SCSI interface	CN8
IDE interface LED	C5	Ultra SCSI interface	CN9
Green PC connector	C6	IR connector	IR1
LED	C7	Chassis fan power	JP11
Serial port 2	CN1	32-bit PCI slots	PC1 - PC4
Parallel port	CN2	RAID slot	SL1
PS/2 mouse port	CN3	USB connector	USB

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Factory configured - do not alter	JP9	Unidentified
»	Factory configured - do not alter	JP16	Unidentified
»	Factory configured - do not alter	JP25	Unidentified
»	Factory configured - do not alter	JP26	Unidentified

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) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
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	Bank 4
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
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
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
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
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
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64

Note: Board accepts SDRAM memory.	

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP10
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	JP10
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 9 & 10 closed
233MHz	66MHz	3.5x	Pins 13 & 14 closed

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP10
166MHz	66MHz	2.5x	Pins 7 & 8 closed
200MHz	66MHz	3x	Pins 9 & 10 closed

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP10
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	
Voltage	JP23
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