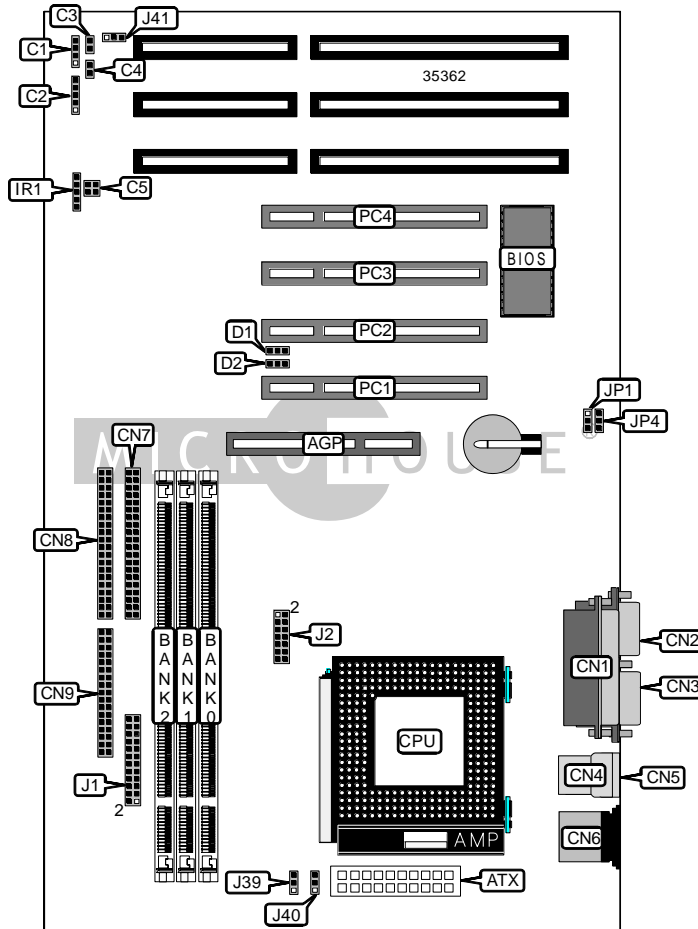


IWILL CORPORATION XA100

Device Type	Mainboard
Processor	CX M1/CX M2/AM K5/AM K6/IDT/Pentium/Pentium MMX
Processor Speed	133/166/200/233/266/300/350/400MHz
Chip Set	ALI
Video Chip Set	None
Maximum Onboard Memory	512MB
Maximum Video Memory	None
Cache	512KB
BIOS	AMI
Dimensions	305mm x 180mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), serial port, IR connector, USB connectors (2), ATX power connector, AGP slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	USB connector 2	CN5
ATX power connector	ATX	PS/2 mouse port	CN6
Speaker	C1	IDE interface 1	CN7
Power LED & keylock	C2	IDE interface 2	CN8
Reset switch	C3	Floppy drive interface	CN9
IDE interface LED	C4	IR connector	IR1
Soft off power supply	C5	CPU fan power	J39
Parallel port	CN1	Chassis fan power	J40
Serial port 2	CN2	Chassis fan power	J41
Serial port 1	CN3	32-bit PCI slots	PC1 – PC4
USB connector 1	CN4		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	D1	Unidentified
í Factory configured - do not alter	D2	Unidentified
í CMOS memory normal operation	JP1	Pins 1 & 2 closed
CMOS memory clear	JP1	Pins 2 & 3 closed
Flash BIOS voltage select 5v/12v	JP4	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

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DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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
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
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
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None

Note: Board accepts EDO & SDRAM memory.

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CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX M1)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 2, 9 & 10
200MHz	75MHz	2x	3 & 4, 9 & 10

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX M2)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2x	1 & 2, 9 & 10
200MHz	75MHz	2x	3 & 4, 9 & 10
200MHz	75MHz	2x	3 & 4, 9 & 10
233MHz	75MHz	2.5x	3 & 4, 11 & 12
266MHz	83MHz	2.5x	5 & 6, 11 & 12

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2.5x	1 & 2, 11 & 12

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2.5x	1 & 2, 11 & 12
200MHz	66MHz	3x	1 & 2, 13 & 14
233MHz	66MHz	3.5x	1 & 2, 15 & 16
266MHz	66MHz	4x	1 & 2, 17 & 18
300MHz	100MHz	3x	7 & 8, 13 & 14
350MHz	100MHz	3.5x	7 & 8, 15 & 16
400MHz	100MHz	4x	7 & 8, 17 & 18

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT)

CPU speed	Clock speed	Multiplier	J1
200MHz	66MHz	3x	1 & 2, 13 & 14

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL)			
CPU speed	Clock speed	Multiplier	J1
133MHz	66MHz	2x	1 & 2, 9 & 10
166MHz	66MHz	2.5x	1 & 2, 11 & 12
200MHz	66MHz	3x	1 & 2, 13 & 14

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)			
CPU speed	Clock speed	Multiplier	J1
166MHz	66MHz	2.5x	1 & 2, 11 & 12
200MHz	66MHz	3x	1 & 2, 13 & 14
233MHz	66MHz	3.5x	1 & 2, 15 & 16

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION	
Voltage	J2
1.8v	Pins 1 & 2 closed
2.2v	Pins 3 & 4 closed
2.7v	Pins 5 & 6 closed
↑ 2.8v	Pins 7 & 8 closed
2.9v	Pins 9 & 10 closed
3.2v	Pins 11 & 12 closed
3.5v	Pins 13 & 14 closed