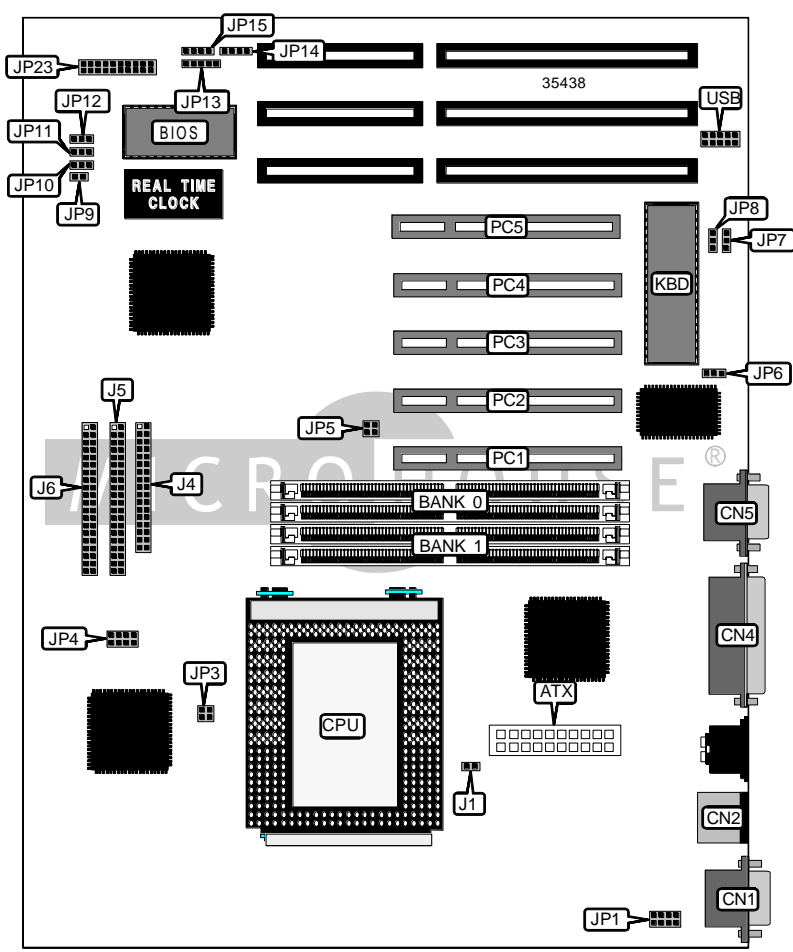


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 AX65

Device Type	Mainboard
Processor	Pentium Pro
Processor Speed	150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB interface, ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface LED	JP15
Serial port 1	CN1	Soft off power supply	JP23/pins 1 & 2
PS/2 mouse port	CN2	Power LED	JP23/pins 3 - 5
Parallel port	CN4	Speaker	JP23/pins 7 - 10
Serial port 2	CN5	Green PC LED	JP23/pins 12 & 13
Chassis fan power	J1	Green PC connector	JP23/pins 15 - 17
Floppy drive interface	J4	Reset switch	JP23/pins 19 & 20
IDE interface 1	J5	32-bit PCI slots	PC1 – PC5
IDE interface 2	J6	USB interface	USB
IR connector	JP13		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í On board I/O enabled	JP6	Pins 2 & 3 closed
On board I/O disabled	JP6	Pins 1 & 2 closed
í Keyboard clock select ISA clock	JP7	Pins 2 & 3 closed
Keyboard clock select 12MHz	JP7	Pins 1 & 2 closed
í PS/2 mouse enabled	JP8	Pins 1 & 2 closed
PS/2 mouse disabled	JP8	Pins 2 & 3 closed
í Factory configured – do not alter	JP9	Unidentified
í CMOS memory normal operation	JP10	Pins 2 & 3 closed
CMOS memory clear	JP10	Pins 1 & 2 closed
Power switch type select toggle	JP14	Pins 2 & 3 closed
Power switch type select momentary	JP14	Pins 1 & 2, 3 & 4 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

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36

Note: Board accepts EDO memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5
150MHz	60MHz	2.5x	3 & 4	3 & 4, 5 & 6, 7 & 8	3 & 4
166MHz	66MHz	2.5x	1 & 2	3 & 4, 5 & 6, 7 & 8	1 & 2
180MHz	60MHz	3x	3 & 4	1 & 2, 3 & 4, 7 & 8	3 & 4
200MHz	66MHz	3x	1 & 2	1 & 2, 3 & 4, 7 & 8	1 & 2

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION	
Voltage	JP1
í Auto detect	Open
2.1v	Pins 1 & 2 closed
2.2v	Pins 3 & 4 closed
2.3v	Pins 1 & 2, 3 & 4 closed
2.4v	Pins 5 & 6 closed
2.5v	Pins 1 & 2, 5 & 6 closed
2.6v	Pins 3 & 4, 5 & 6 closed
2.7v	Pins 1 & 2, 3 & 4, 5 & 6 closed
2.8v	Pins 7 & 8 closed
2.9v	Pins 1 & 2, 7 & 8 closed
3.0v	Pins 3 & 4, 7 & 8 closed
3.1v	Pins 1 & 2, 3 & 4, 7 & 8 closed
3.2v	Pins 5 & 6, 7 & 8 closed
3.3v	Pins 1 & 2, 5 & 6, 7 & 8 closed
3.4v	Pins 3 & 4, 5 & 6, 7 & 8 closed
3.5v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed

FLASH BIOS SELECTION		
Setting	JP11	JP12
í Enabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed