Device Type Single board computer

 Processor
 CX 6X86/CX M2/AM K5/AM K6/Pentium

 Processor Speed
 75/90/100/120/133/150/166/200/233MHz

Chip Set Intel

Video Chip Set

Maximum Onboard Memory

Maximum Video Memory

Cache

BIOS

Unidentified

128MB

Unidentified

512KB

Award

Dimensions 203mm x 146mm

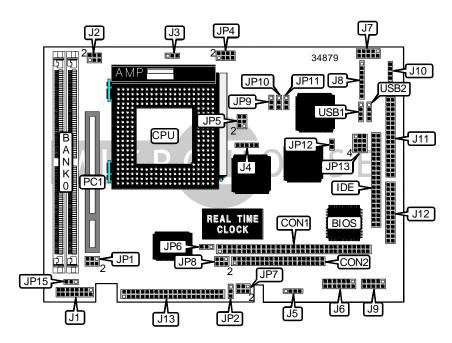
I/O Options 32-bit PCI slot, Ethernet 100BaseT connector, floppy drive interface, IDE

interface, IDE parallel port, PS/2 mouse interface, serial ports (2), VGA

interface, IR connector, USB connectors (2), PC/104 connectors (2), flat panel

connector, green PC connector

NPU Options None



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CONNECTIONS						
Purpose	Location	Purpose	Location			
PC/104 connector (8-bit)	CON1	PS/2 mouse interface	J8/pins 1 - 4			
PC/104 connector (16-bit)	CON2	Auxiliary keyboard connector	J8/pins 5 - 8			
IDE interface	IDE	Serial port 1	J9			
VGA interface	J1	Power connector	J10			
IDE interface LED	J2/pins 1 & 2	Floppy drive interface	J11			
Power LED	J2/pins 3 & 4	Parallel port	J12			
Reset switch	J2/pins 5 & 6	Flat panel connector	J13			
CPU fan power	J3	Green PC connector	JP12			
IR connector	J4	USB connector 1	USB1			
Power connector	J5	USB connector 2	USB2			
Serial port 2	J6	32-bit PCI slot	PC1			
Ethernet 100 base-T connector	J7					

USER CONFIGURABLE SETTINGS						
Function	Label	Position				
í Factory configured - do not alter	JP2	Unidentified				
í Factory configured - do not alter	JP6	Pins 1 & 2 closed				
í Flat panel voltage select 5v	JP15	Pins 1 & 2 closed				
Flat panel voltage select 3.3v	JP15	Pins 2 & 3 closed				

SIMM CONFIGURATION					
Size	Bank 0				
8MB	(2) 1M x 36				
16MB	(2) 2M x 36				
32MB	(2) 4M x 36				
64MB	(2) 8M x 36				
128MB	(2) 16M x 36				

CACHE CONFIGURATION
Note: 512KB cache is factory installed and is not configurable. The location is unidentified.

VIDEO MEMORY CONFIGURATION
Note: The size of the video memory is unidentified. The location is unidentified.

	CPU SPEED SELECTION (CX 6X86)					
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11
120MHz	50MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (CX M2)							
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11	
200MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	
233MHz 75MHz 2x 1 & 2 1 & 2 2 & 3 1 & 2							
Note: Pins desi	Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11
75MHz	50MHz	1.5x	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2, 3 & 4	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	3 & 4	2 & 3	1 & 2	2 & 3
Note: Pins desi	gnated should be	in the closed po	sition.			•

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11
166MHz	66MHz	2.5x	1 & 2, 3 & 4	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	3 & 4	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	Open	2 & 3	1 & 2	2 & 3
Note: Pins desi	Note: Pins designated should be in the closed position.					

	CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11
75MHz	50MHz	1.5x	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2, 3 & 4	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	3 & 4	2 & 3	1 & 2	2 & 3
Note: Pins desi	gnated should be	in the closed po	sition.			

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CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	JP5	JP9	JP10	JP11
166MHz	66MHz	2.5x	1 & 2, 3 & 4	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	3 & 4	2 & 3	1 & 2	2 & 3
233MHz 66MHz 3.5x Open 2 & 3 1 & 2 2 & 3						

CPU VOLTAGE SELECTION					
Voltage	JP4				
2.5v	Pins 3 & 4, 7 & 8 closed				
2.6v	Pins 1 & 2, 7 & 8 closed				
2.7v	Pins 7 & 8 closed				
í 2.8v	Pins 1 & 2, 3 & 4, 5 & 6 closed				
2.9v	Pins 3 & 4, 5 & 6 closed				
3.0v	Pins 1 & 2, 5 & 6 closed				
3.1v	Pins 5 & 6 closed				
3.2v	Pins 1 & 2, 3 & 4 closed				
3.3v	Pins 3 & 4 closed				
3.4v	Pins 1 & 2 closed				
3.5v	Open				

SERIAL PORT 2 SELECTION		
Туре	JP7	
í RS-232	Pins 1 & 2 closed	
RS-422	Pins 3 & 4 closed	
RS-485	Pins 5 & 6 closed	

FLASH DISK ADDRESS SELECTION		
Address	JP8	
C800	Pins 1 & 2 closed	
D000	Pins 3 & 4 closed	
D800	Pins 5 & 6 closed	

FLAT PANEL SELECTION		
Туре	JP1	
1024 x 768 DSTN	Pins 1 & 2, 3 & 4, 5 & 6 closed	
1280 x 1024 TFT	Pins 3 & 4, 5 & 6 closed	
640 x 480 DSTN	Pins 1 & 2, 5 & 6 closed	
800 x 600 DSTN	Pins 5 & 6 closed	
640 x 480 Sharp TFT	Pins 1 & 2, 3 & 4 closed	
í 640 x 480 18-bit TFT	Pins 3 & 4 closed	
1024 x 768 TFT	Pins 1 & 2 closed	

800 x 600 TFT Open

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WATCHDOG TIMER SELECTION		
Time out	JP13	
.5 sec	Pins 1 & 5 closed	
1 sec	Pins 2 & 6 closed	
2 sec	Pins 3 & 7 closed	
í 4 sec	Pins 4 & 8 closed	
8 sec	Pins 8 & 12 closed	
16 sec	Pins 7 & 11 closed	
32 sec	Pins 6 & 10 closed	
64 sec	Pins 5 & 9 closed	