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User Guide

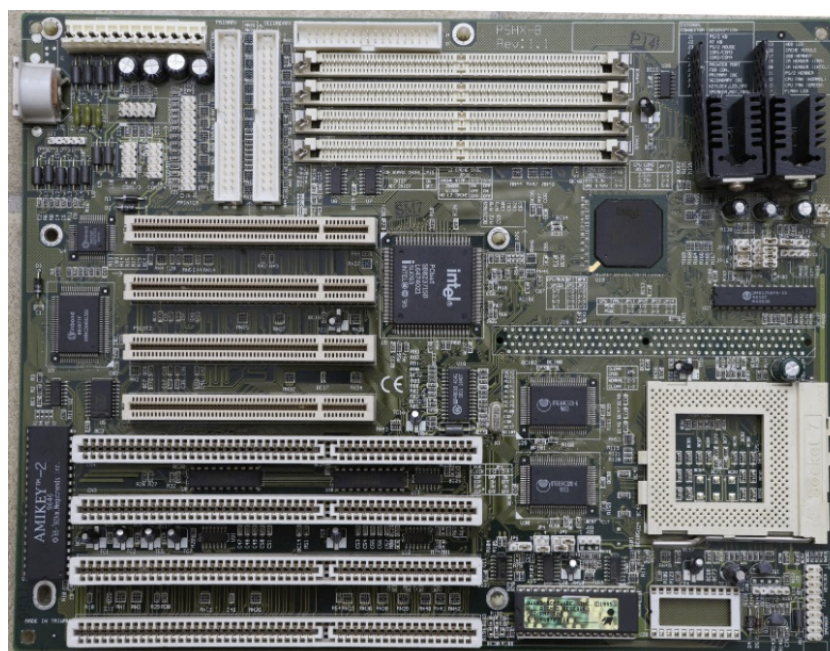


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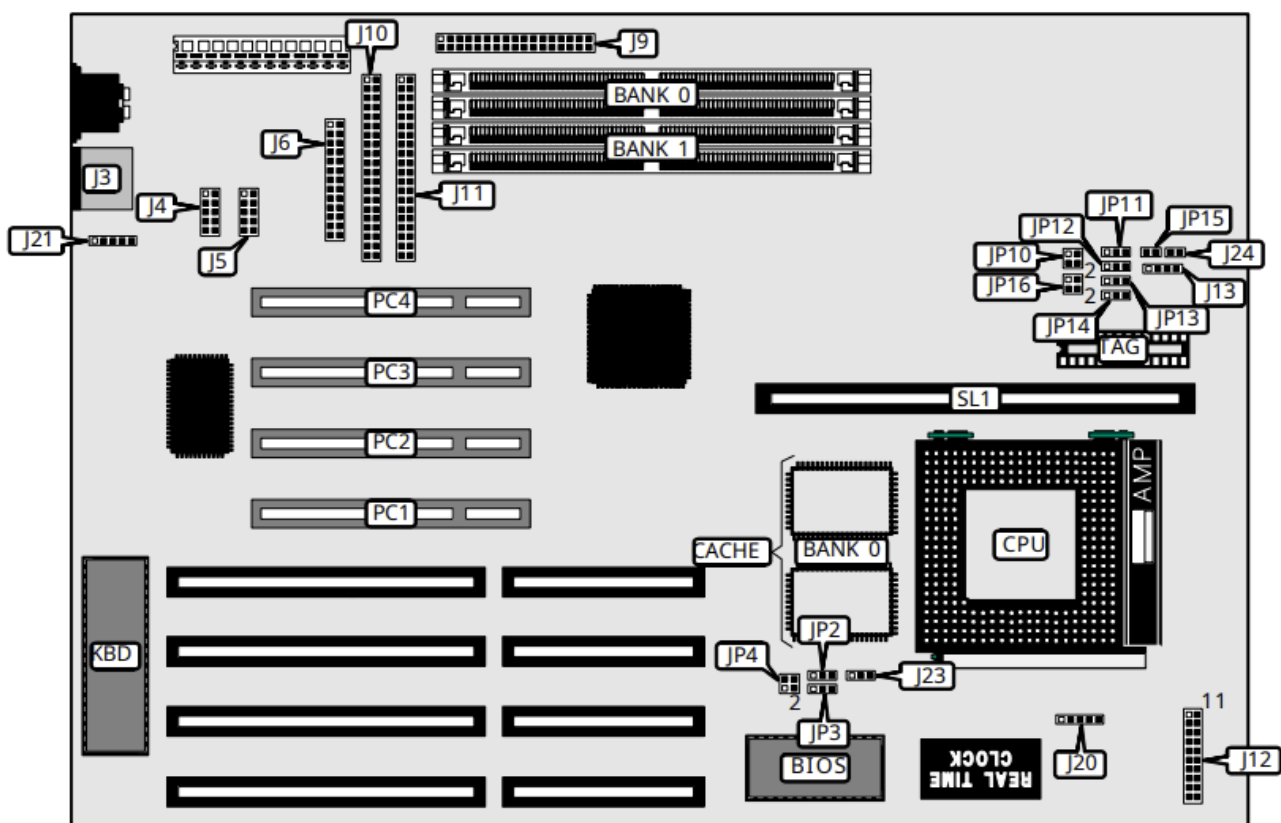


The Retro Web P5HX-B-1.0 Elitegroup Computer Systems



SPECIFICATION

- **Processor** CX M1/Pentium
- **Processor Speed** 75/90/100/120/133/150/166/180/200MHz
- **Chipset** Intel
- **Video Chip Set** None
- **Maximum Onboard Memory** 256MB (EDO supported)
- **Maximum Video Memory** None
- **Cache** 256/512KB
- **BIOS** Award
- **Dimensions** 330mm x 218mm
- **I/O Options** 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connector
- **NPU Options** None



ELITEGROUP COMPUTER SYSTEMS, INC. P 5 H X – B REV 1.0

CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse port	J3	Speaker	J12 pins 17 – 20
Serial port 1	J4	IDE interface LED	J13
Serial port 2	J5		
Parallel port	J6		
Floppy drive interface	J9	IR connector (Intel)	J20
IDE interface 1	J10	PS/2 mouse interface	J21
IDE interface 2	J11	Chassis fan power	J22
Turbo LED	J12 pins 2 & 3	Chassis fan power	J23
Green PC connector	J12 pins 4 & 5	Green PC LED	J24
Turbo switch	J12 pins 6 & 7	32-bit PCI slots	PC1 – PC4
Reset switch	J12 pins 9 & 10	Cache slot	SL1
Power LED & keylock	J12 pins 11 – 15		

DRAM 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) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36
136MB	(2) 1M x 36	(2) 16M x 36
144MB	(2) 2M x 36	(2) 16M x 36
160MB	(2) 4M x 36	(2) 16M x 36
192MB	(2) 8M x 36	(2) 16M x 36
256MB	(2) 16M x 36	(2) 16M x 36

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG

256KB (A)	(2) 32K x 32	None	Unidentified
256KB (B)	None	256KB module installed	Unidentified
512KB (A)	(2) 32K x 32	256KB module installed	Unidentified
512KB (B)	(2) 64K x 32	None	Unidentified

CACHE JUMPER CONFIGURATION		
Size	JP15	JP16
None	Open	Open
256KB (A)	Closed	Pins 1 & 2 closed
256KB (B)	Open	Pins 1 & 2 closed
512KB (A)	Closed	Pins 3 & 4 closed
512KB (B)	Closed	Pins 3 & 4 closed

CPU SPEED SELECTION (CYRIX)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
110MHz	55MHz	2x	Open	2 & 3	Open
120MHz	60MHz	2x	Open	2 & 3	3 & 4
133MHz	66MHz	2x	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2, 3 & 4
90MHz	60MHz	1.5x	1 & 2	1 & 2	3 & 4
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	3 & 4
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	3 & 4
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
180MHz	60MHz	3x	2 & 3	1 & 2	3 & 4
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION (SINGLE VOLTAGE)					
Voltage	JP10	JP11	JP12	JP13	JP14
3.3v	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
3.52v	3 & 4	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

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FAQs

Q: How do I determine the CPU speed for my processor?

A: Refer to the CPU Speed Selection section in the manual and set the jumpers accordingly based on your processor's speed.

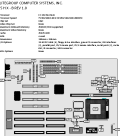
Q: What is the maximum onboard memory supported?

A: The motherboard supports a maximum of 256MB of onboard memory with EDO support.

Q: How many PCI slots are available on the motherboard?

A: The motherboard features four 32-bit PCI slots for expansion cards.

Documents / Resources

	The Retro Web P5HX-B-1.0 Elitegroup Computer Systems [pdf] User Guide P5HX-B-1.0 Elitegroup Computer Systems, P5HX-B-1.0, Elitegroup Computer Systems, Computer Systems
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References

- [User Manual](#)

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💎 Computer Systems, Elitegroup Computer Systems, P5HX-B-1.0, P5HX-B-1.0 Elitegroup Computer Systems, The Retro Web

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