J-BOND COMPUTER SYSTEMS CORPORATION

PCI500C-G

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), SCSI-II interface, Wide SCSI interface, parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2)
NPU Options	None
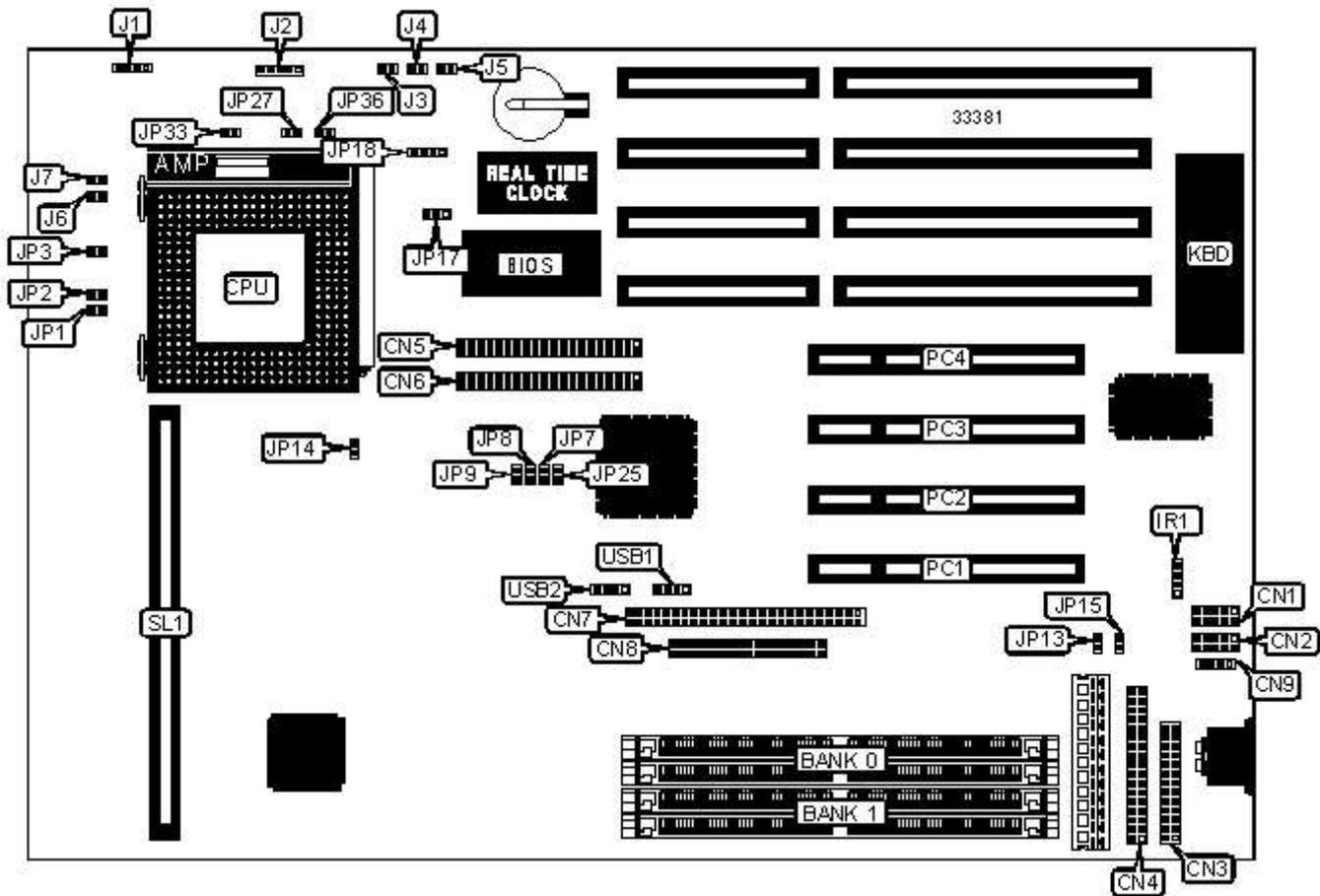
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	Power LED & keylock	J2

Serial port 2	CN2	SCSI LED	J3
Parallel port	CN3	Reset switch	J4
Floppy drive interface	CN4	IDE interface LED	J5
IDE interface 1	CN5	Turbo LED	J6
IDE interface 2	CN6	Turbo switch	J7
SCSI-II interface	CN7	32-bit PCI slots	PC1 - PC4
Wide SCSI interface	CN8	Cache slot	SL1
PS/2 mouse interface	CN9	USB connector 1	USB1
IR connector	IR1	USB connector 2	USB2
Speaker	J1		

USER CONFIGURABLE SETTINGS			
	Function	**Label**	**Position**
»	SCSI terminator always activated	JP13	Closed
	SCSI terminator controlled by AIC7880	JP13	Open
»	SCSI type select Wide SCSI	JP14	Closed
	SCSI type select Normal SCSI-II	JP14	Open
»	SCSI but terminator power source select system	JP15	Closed
	SCSI but terminator power source select peripheral	JP15	Open
»	Factory configured - do not alter	JP17	Pins 1 & 2 closed
»	CMOS memory normal operation	JP18	Pins 1 & 2 closed
	CMOS memory clear	JP18	Pins 3 & 4 closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**

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

DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
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	SL1
256KB	256KB module installed
512KB	512KB module installed

CPU SPEED SELECTION (CYRIX)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP7	JP8	JP9	JP25
100MHz	50MHz	2x	Open	Closed	Open	Closed	Open	Open
110MHz	55MHz	2x	Open	Closed	Closed	Closed	Closed	Open
120MHz	60MHz	2x	Open	Closed	Closed	Open	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Open	Open	Closed

CPU SPEED SELECTION (AMD)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP7	JP8	JP9	JP25
75MHz	50MHz	1.5x	Open	Open	Open	Closed	Open	Open
83MHz	55MHz	1.5x	Open	Open	Closed	Closed	Closed	Open
90MHz	60MHz	1.5x	Open	Open	Closed	Open	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Closed
110MHz	55MHz	2x	Open	Closed	Closed	Closed	Closed	Open
120MHz	60MHz	2x	Open	Closed	Closed	Open	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Open	Open	Closed
150MHz	60MHz	2.5x	Closed	Closed	Closed	Open	Open	Closed
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Closed

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP7	JP8	JP9	JP25

75MHz	50MHz	1.5x	Open	Open	Open	Closed	Open	Open
90MHz	60MHz	1.5x	Open	Open	Closed	Open	Open	Closed
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Closed
120MHz	60MHz	2x	Open	Closed	Closed	Open	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Open	Open	Closed
150MHz	60MHz	2.5x	Closed	Closed	Closed	Open	Open	Closed
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Open	Open	Closed
200MHz	66MHz	3x	Closed	Open	Open	Open	Open	Closed

CPU VOLTAGE SELECTION	
Voltage	**JP33**
3.45v	Open
3.6v	Closed

CPU CORE VOLTAGE SELECTION			
Voltage	**JP3**	**JP27**	**JP36**
2.5v	Closed	Open	Open
2.7v	Closed	Closed	Closed
2.9v	Closed	Closed	Open
3.45v	Open	Open	Open
3.6v	Open	Open	Open