QDI COMPUTER, INC.
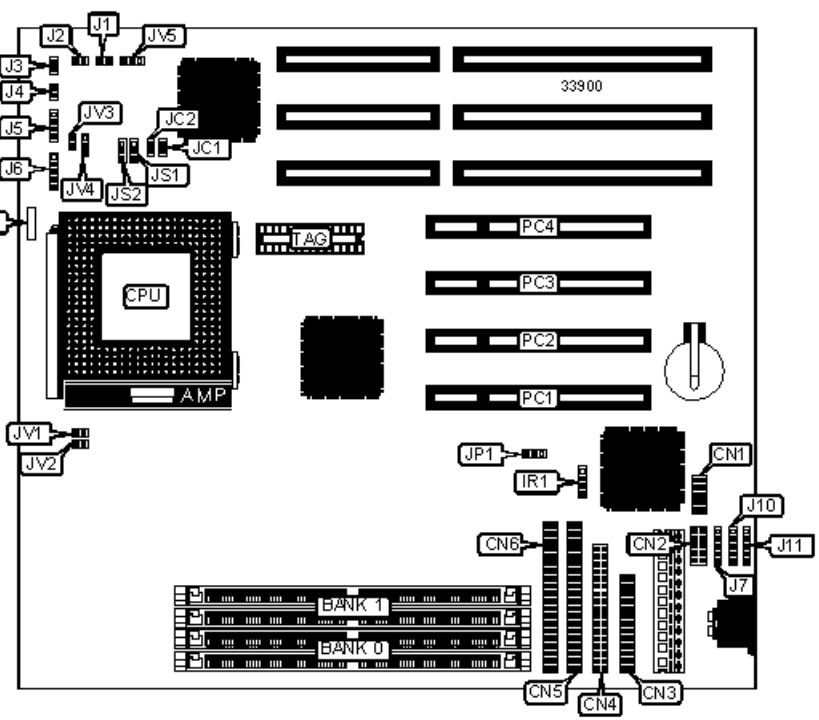
P5I430VX-250 EXPLORER

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	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2)
NPU Options	None

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	Reset switch	J3
Serial port 1	CN2	Turbo LED	J4
Parallel port	CN3	Speaker	J5
Floppy drive interface	CN4	Power LED & keylock	J6

IDE interface 2	CN5	PS/2 mouse interface	J7
IDE interface 1	CN6	Chassis fan power	J8
IR connector	IR1	USB connector 1	J10
Green PC connector	J1	USB connector 2	J11
IDE interface LED	J2	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
» CMOS memory normal operation	JP1	Pins 1 & 2 closed
CMOS memory clear	JP1	Pins 2 & 3 closed

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) 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
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

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.

CACHE CONFIGURATION		
Size	**Bank 0**	**TAG**
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

Note: The location of bank 0 is unidentified.

CPU SPEED SELECTION (CYRIX)						
CPU speed	**Clock speed**	**Multiplier**	**JC1**	**JC2**	**JS1**	**JS2**
120MHz	50MHz	2x	Closed	Closed	2 & 3	1 & 2
133MHz	55MHz	2x	Open	Open	2 & 3	1 & 2
150MHz	60MHz	2x	Closed	Open	2 & 3	1 & 2
166MHz	66MHz	2x	Open	Closed	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)						
CPU speed	**Clock speed**	**Multiplier**	**JC1**	**JC2**	**JS1**	**JS2**
75MHz	50MHz	1.5x	Closed	Closed	2 & 3	2 & 3
90MHz	55MHz	1.5x	Open	Open	2 & 3	2 & 3
90MHz	60MHz	1.5x	Closed	Open	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Closed	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)						
CPU speed	**Clock speed**	**Multiplier**	**JC1**	**JC2**	**JS1**	**JS2**

75MHz	50MHz	1.5x	Closed	Closed	2 & 3	2 & 3
90MHz	60MHz	1.5x	Closed	Open	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Closed	2 & 3	2 & 3
120MHz	60MHz	2x	Closed	Open	2 & 3	1 & 2
133MHz	66MHz	2x	Open	Closed	2 & 3	1 & 2
150MHz	60MHz	2.5x	Closed	Open	1 & 2	1 & 2
166MHz	66MHz	2.5x	Open	Closed	1 & 2	1 & 2
180MHz	60MHz	3x	Closed	Open	1 & 2	2 & 3
200MHz	66MHz	3x	Open	Closed	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)					
Voltage	JV1	JV2	JV3	JV4	JV5
3.3v	Closed	Closed	Open	1 & 2	N/A
3.5v	Closed	Closed	Closed	1 & 2	N/A

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)						
I/O voltage	V core	JV1	JV2	JV3	JV4	JV5
3.3v	2.5	Open	Open	Open	2 & 3	Open
3.3v	2.7	Open	Open	Open	2 & 3	1 & 2
3.3v	2.9	Open	Open	Open	2 & 3	2 & 3
3.5v	2.5	Open	Open	Closed	2 & 3	Open
3.5v	2.7	Open	Open	Closed	2 & 3	2 & 3
3.5v	2.9	Open	Open	Closed	2 & 3	2 & 3

Note: Pins designated should be in the closed position.