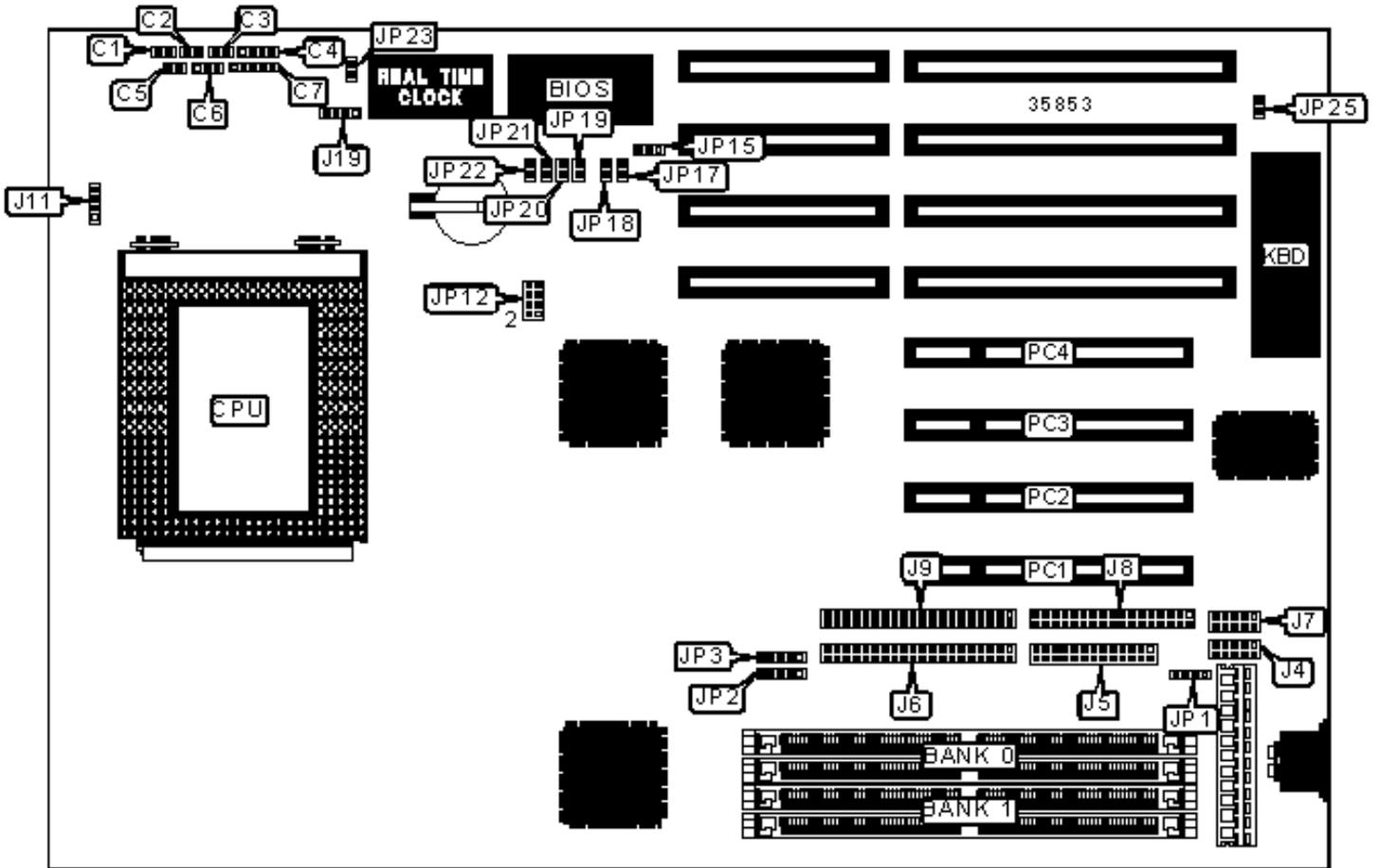


# J-MARK COMPUTER CORPORATION

## J-756A

### Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	C1	Serial port 1	J7
Turbo LED	C2	Floppy drive interface	J8
Reset switch	C3	IDE interface 2	J9
Speaker	C4	CPU fan power	J11
Green PC connector	C5	External battery	J19
Turbo switch	C6	IR connector	JP1
Power LED & keylock	C7	USB connector 1	JP2
Serial port 2	J4	USB connector 2	JP3
Parallel port	J5	32-bit PCI slots	PC1 – PC4
IDE interface 1	J6		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	J19	Pins 2 & 3 closed
CMOS memory clear	J19	Pins 3 & 4 closed
Battery type select external	J19	Open
Flash BIOS voltage select 12v	JP15	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP15	Pins 1 & 2 closed
» CMOS memory normal operation	JP23	Open
CMOS memory clear	JP23	Closed
PS/2 mouse IRQ enabled	JP25	Closed
PS/2 mouse IRQ disabled	JP25	Open

## 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

**SIMM CONFIGURATION (CON'T)**

Size	Bank 0	Bank 1
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
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	JP17	JP18	JP19	JP20	JP21	JP22
150MHz	60MHz	2.5x	Open	Closed	Open	Closed	Closed	Closed
180MHz	60MHz	3x	Open	Closed	Closed	Open	Closed	Closed
200MHz	66MHz	3x	Closed	Open	Closed	Open	Closed	Closed

### CPU VOLTAGE SELECTION

Voltage	JP12/pins 1 & 2	JP12/pins 3 & 4	JP12/pins 5 & 6	JP12/pins 7 & 8
Auto	Open	Open	Open	Open
2.1v	Open	Open	Open	Closed
2.2v	Open	Open	Closed	Open
2.3v	Open	Open	Closed	Closed
2.4v	Open	Closed	Open	Open
2.5v	Open	Closed	Open	Closed
2.6v	Open	Closed	Closed	Open
2.7v	Open	Closed	Closed	Closed

2.8v	Closed	Open	Open	Open
2.9v	Closed	Open	Open	Closed
3.0v	Closed	Open	Closed	Open
3.1v	Closed	Open	Closed	Closed
3.2v	Closed	Closed	Open	Open
3.3v	Closed	Closed	Open	Closed
3.4v	Closed	Closed	Closed	Open
3.5v	Closed	Closed	Closed	Closed