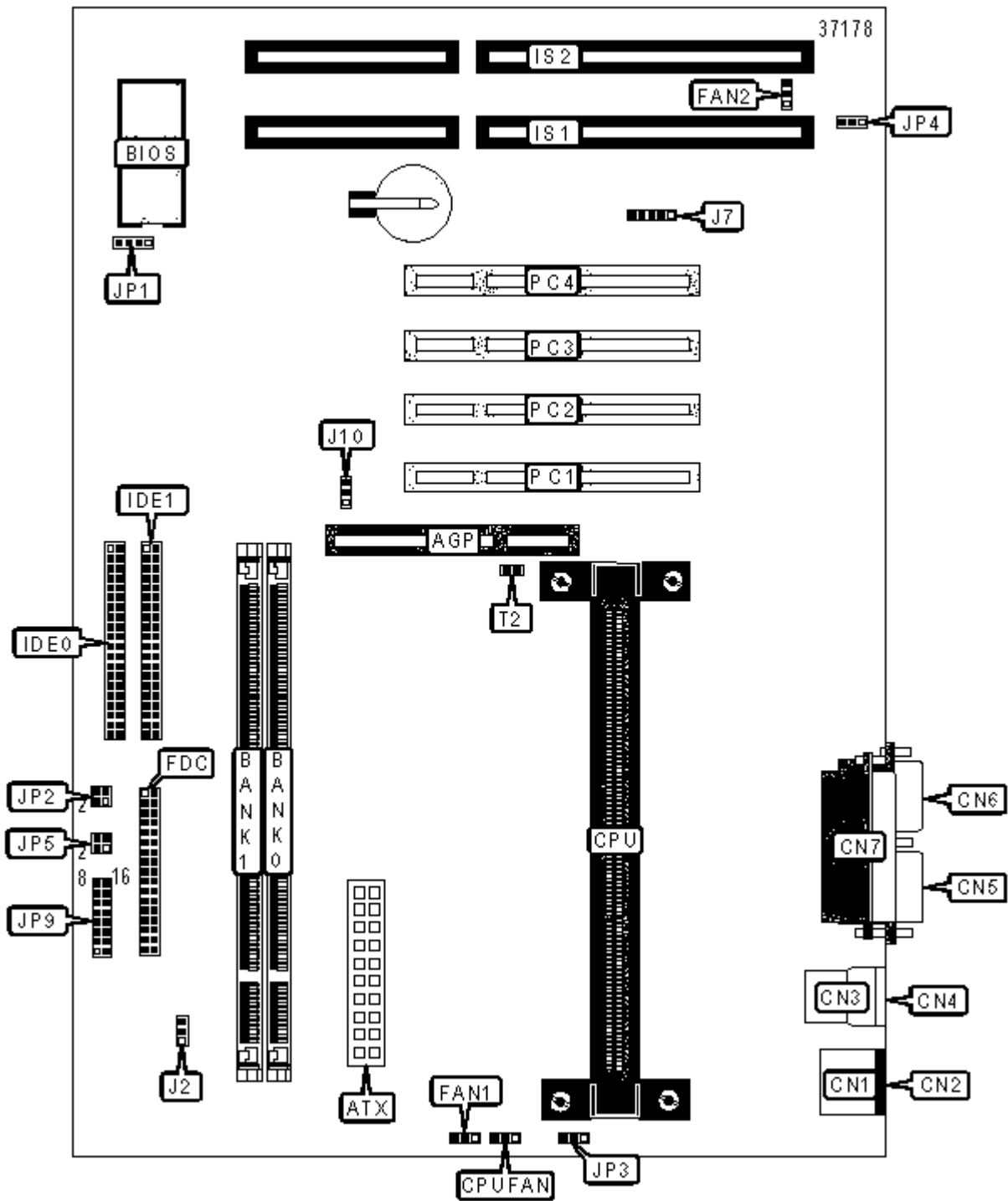


## J-MARK COMPUTER CORPORATION

J-7ZXAN/L

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron/Pentium II
<b>Processor Speed</b>	233/266/300/333/350/400/450MHz
<b>Chip Set</b>	Intel 440ZX
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	512MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	1MB
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	305mm x 190mm
<b>I/O Options</b>	16-bit ISA slots (2), 32-bit PCI slots (4), AGP slot, ATX power connector, Floppy drive interface, Green PC connector, IDE interfaces (2), IR connector, Parallel port, PS/2 mouse port, PS/2 keyboard port, Serial ports (2), USB ports (2)



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	IDE1
ATX power connector	ATX	16-bit ISA slots	IS1 – IS2
PS/2 mouse port	CN1	IR connector	J7
PS/2 keyboard port	CN2	Soft off power supply	JP2/Pins 2 & 4
USB port 1	CN3	Unidentified	JP4

USB port 2	CN4	IDE interface LED	JP5/Pins 1 & 3
Serial port 1	CN5	Green PC connector	JP5/Pins 2 & 4
Serial port 2	CN6	Power LED & keylock	JP9/Pins 1 - 5
Parallel port	CN7	Turbo switch	JP9/Pins 6 - 8
CPU fan power	CPUFAN	Speaker	JP9/Pins 9 -12
Fan power 1	FAN1	Reset switch	JP9/Pins 13 & 14
Fan power 2	FAN2	Turbo LED	JP9/Pins 15 & 16
Floppy drive interface	FDC	32-bit PCI slots	PC1 – PC4
IDE interface 0	IDE0	CPU thermal sensor connector	T2

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64

160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports EDO & SDRAM memory.		

#### CMOS RAM/BATTERY SELECTION

Function		JP1
»	CMOS memory normal operation	Pins 2 & 3 closed
	CMOS memory clear	Pins 3 & 4 closed
	External battery	Pins 1 & 4 closed

#### POWER ON OPTION

Function		J2	JP3
»	Power button function	Pins 1 & 2 closed	Pins 1 & 2 closed
	Keyboard power on password	Pins 2 & 3 closed	Pins 2 & 3 closed

#### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron CPU and newer CPUs.

#### CPU SPEED SELECTION (CELERON)

CPU speed	Clock speed	Multiplier	J10	U12/1	U12/2	U12/3	U12/4
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266MHz	66MHz	4x	2 & 3	On	On	Off	On
300MHz	66MHz	4.5x	2 & 3	Off	On	Off	On
333MHz	66MHz	5x	2 & 3	On	Off	Off	On

### CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	J10	U12/1	U12/2	U12/3	U12/4
233MHz	66MHz	3.5x	2 & 3	Off	Off	On	On
266MHz	66MHz	4x	2 & 3	On	On	Off	On
300MHz	66MHz	4.5x	2 & 3	Off	On	Off	On
333MHz	66MHz	5x	2 & 3	On	Off	Off	On
350MHz	100MHz	3.5x	1 & 2	Off	Off	On	On
400MHz	100MHz	4x	1 & 2	On	On	Off	On
450MHz	100MHz	4.5x	1 & 2	Off	On	Off	On