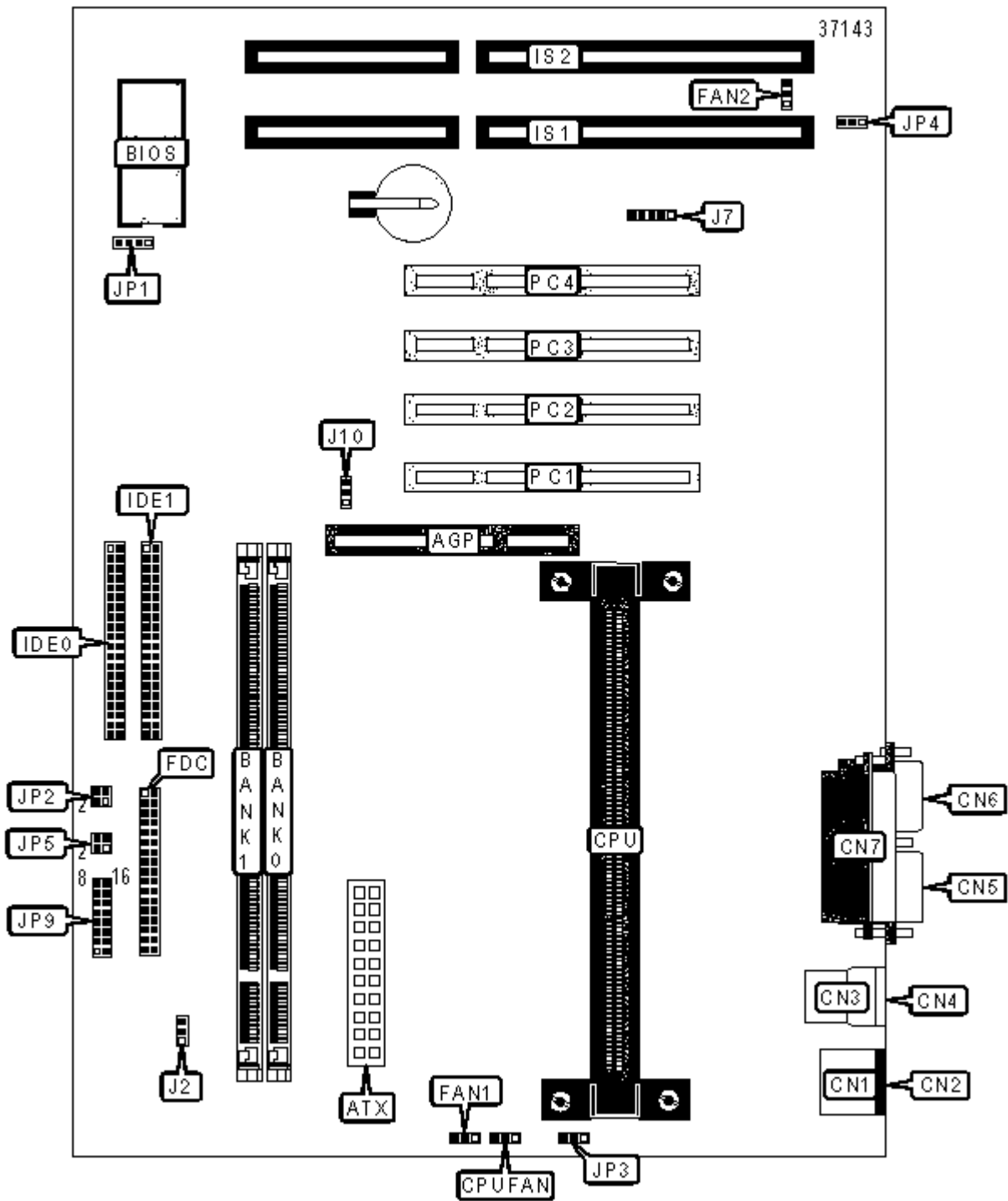


J-MARK COMPUTER CORPORATION

J-7ZXAN

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	Intel 440ZX
Video Chip Set	Unidentified
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Maximum Video Memory	1MB
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	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	Reserved	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: 256/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater 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