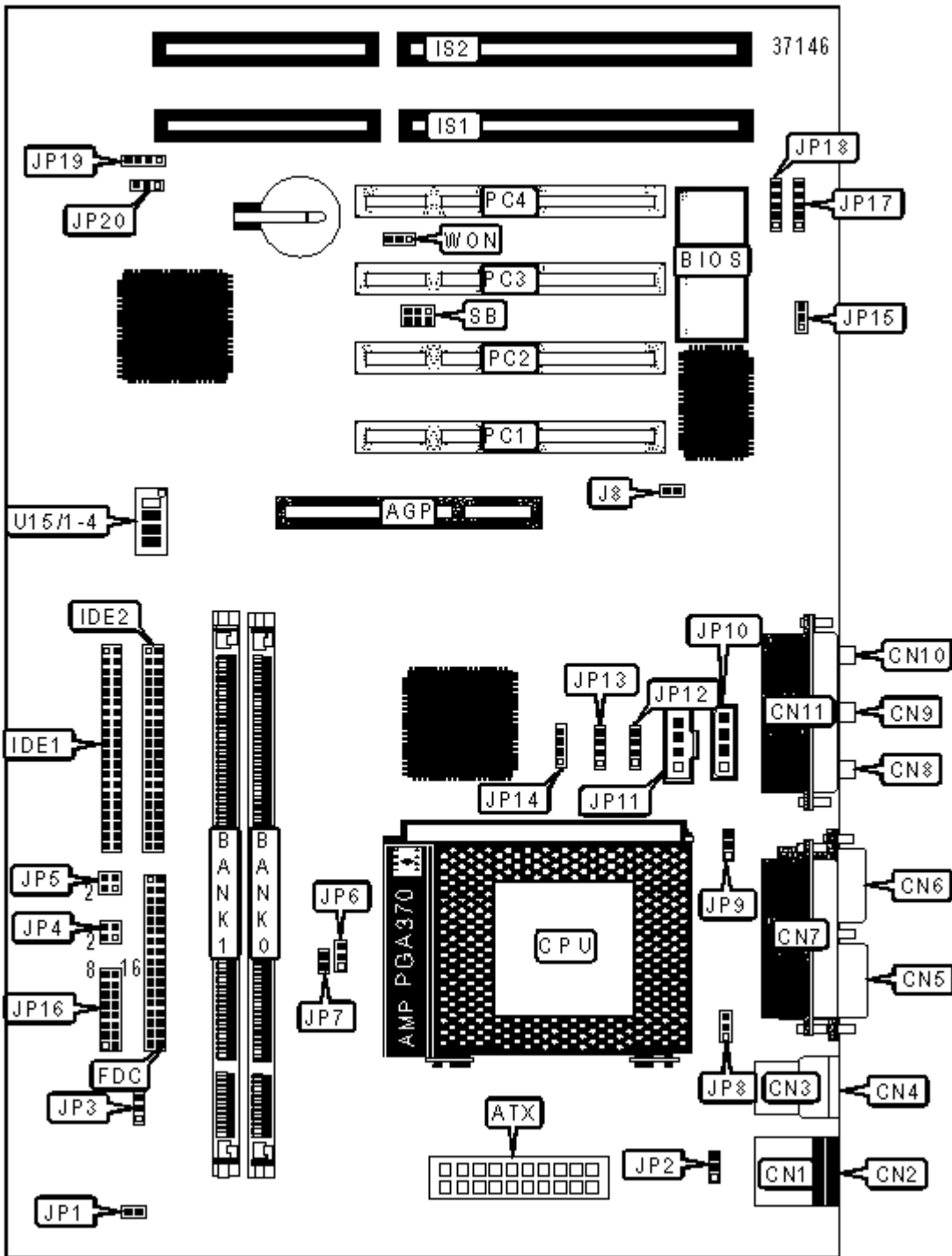


J-MARK COMPUTER CORPORATION

J-6ZXAS, J-6ZXAS/L

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400MHz
Chip Set	Intel 440ZX
Audio Chip Set	Creative Labs
Maximum Onboard Memory	512MB (EDO supported)
Cache	0/128KB (located on Celeron CPU)
BIOS	Unidentified
Dimensions	305mm x 170mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (4), floppy drive interface, Game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface LED	JP4/Pins 1 & 3
ATX power connector	ATX	Green PC connector	JP4/Pins 2 & 4
PS/2 mouse port	CN1	Power on connector	JP5/Pins 2 & 4
PS/2 keyboard port	CN2	CPU fan power	JP8
USB port 1	CN3	SPDIF connector	JP9

USB port 2	CN4	Audio-in (Panasonic)	JP10
Serial port 1	CN5	Audio-in (Sony)	JP11
Serial port 2	CN6	Power LED & keylock	JP16/Pins 1 - 5
Parallel port	CN7	Turbo switch	JP16/Pins 6 - 8
Line out	CN8	Speaker	JP16/Pins 9 - 12
Line in	CN9	Reset switch	JP16/Pins 13 & 14
Microphone	CN10	Turbo LED	JP16/Pins 15 & 16
Game/MIDI port	CN11	CIR connector	JP17
Floppy drive interface	FDC	IR connector	JP18
IDE interface 2	IDE1	32-bit PCI slots	PC1 – PC4
IDE interface 1	IDE2	SB-Link connector	SB
16-bit ISA slots	IS1 – IS2	Wake-on-LAN connector	WON
System fan power	JP3		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Onboard sound enabled	J8	Closed
	Onboard sound disabled	J8	Open
»	Factory configured - do not alter	JP1	Unidentified
	Power on Keyboard enabled	JP2	Pins 2 & 3 closed
	Power on Keyboard disabled	JP2	Pins 1 & 2 closed
»	Factory configured - do not alter	JP7	Unidentified
»	Factory configured - do not alter	JP12	Unidentified
»	Factory configured - do not alter	JP13	Unidentified
»	Factory configured - do not alter	JP14	Unidentified
»	Factory configured - do not alter	JP15	Unidentified
»	Factory configured - do not alter	JP20	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1
16MB	(1) 2M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
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
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
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 memory.

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron 300A CPU and newer CPUs.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP6	U15/1	U15/2	U15/3	U15/4
300MHz	66MHz	4.5x	2 & 3	Off	On	Off	On

333MHz	66MHz	5x	2 & 3	Off	Off	Off	On
366MHz	66MHz	5.5x	2 & 3	Off	Off	Off	On
400MHz	66MHz	6x	2 & 3	On	On	On	Off

Note: Pins designated should be in the closed position.

CMOS/BATTERY SELECTION

Setting		JP19
»	CMOS memory normal operation	Pins 2 & 3 closed
	CMOS memory clear	Pins 3 & 4 closed
	External battery installed	Connect battery leads to 1 & 4