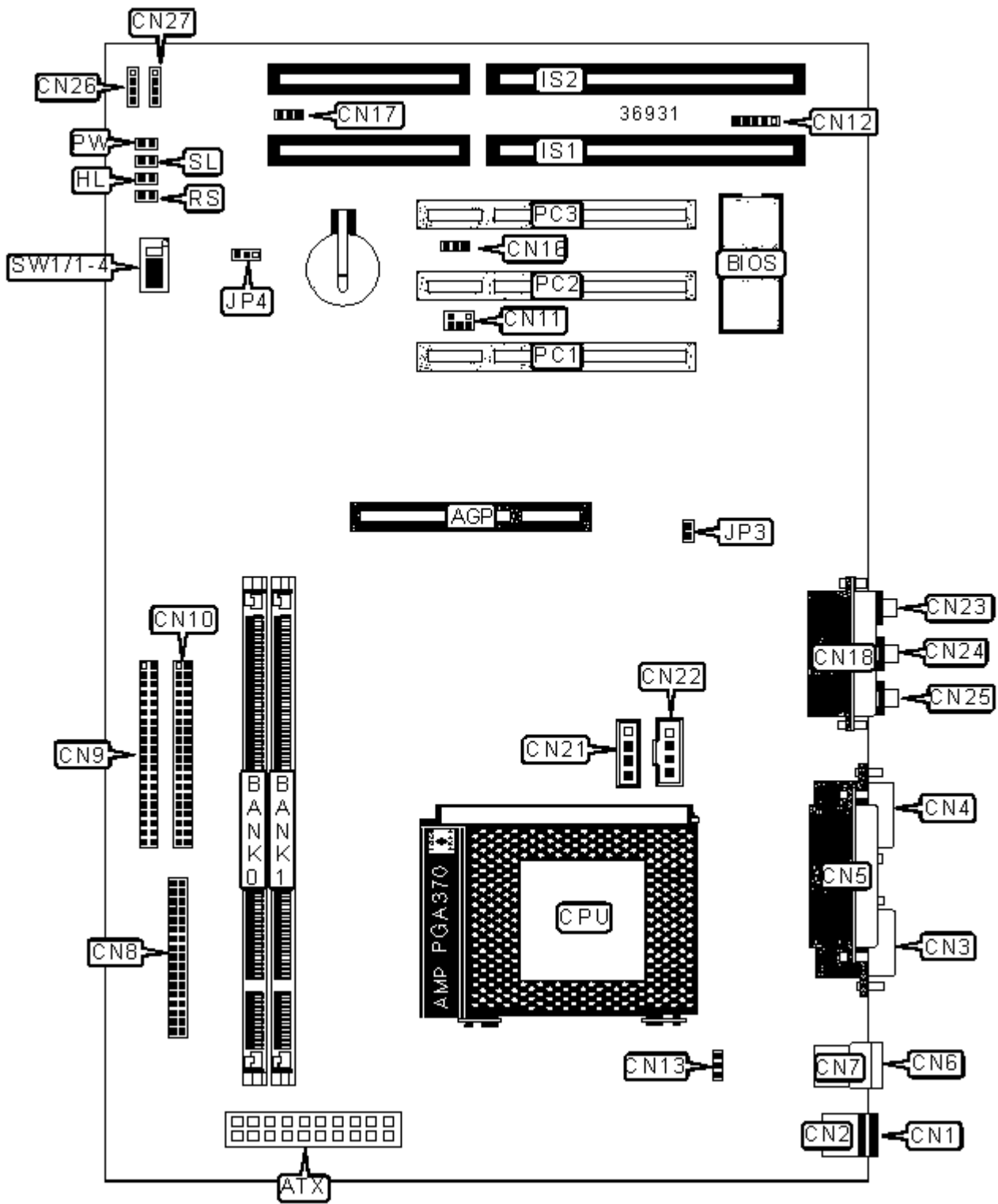


BOARDRUNNER

PT-TILX (440EX)

Device Type	Mainboard
Processor	Celeron
Processor Speed	266/300/333/366/400/433/466MHz
Chip Set	Intel 440EX
Audio Chip Set	Unidentified
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 180mm
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, PS/2 keyboard port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), SB-link connector, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	CN17
ATX power connector	ATX	Game/MIDI port	CN18
PS/2 keyboard port	CN1	Audio in - CD-ROM 1	CN21

PS/2 mouse port	CN2	Audio in - CD-ROM 2	CN22
Serial port 1	CN3	Microphone in	CN23
Serial port 2	CN4	Line in	CN24
Parallel port	CN5	Line out	CN25
USB port 1	CN6	Power LED & keylock	CN26
USB port 2	CN7	Speaker	CN27
Floppy drive interface	CN8	IDE interface LED	HL
IDE interface 1	CN9	16-bit ISA slots	IS1-IS2
IDE interface 2	CN10	32-bit PCI slots	PC1 - PC4
SB-Link connector	CN11	Green PC connector	PW
IR connector	CN12	Reset switch	RS
CPU fan power	CN13	Green PC LED	SL
Wake-on-LAN connector	CN16		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	On-board sound enabled	JP3	Closed
	On-board sound disabled	JP3	Open
»	CMOS memory normal operation	JP4	Pins 1 & 2 closed
	CMOS memory clear	JP4	Pins 2 & 3 closed

CACHE CONFIGURATION

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

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

Note: Board supports EDO & SDRAM memory.

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off
466MHz	66MHz	7x	On	Off	On	Off

