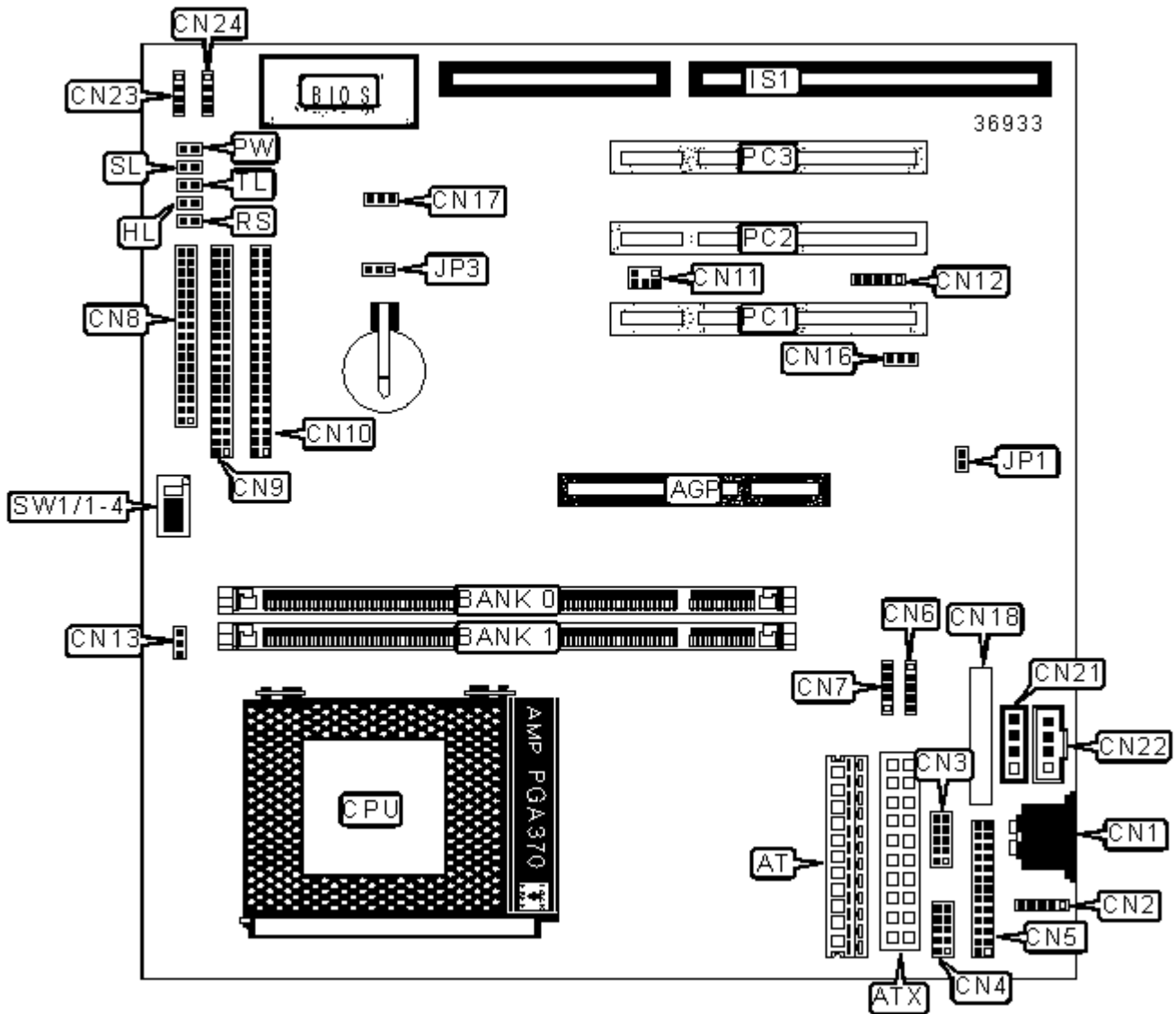


BOARDRUNNER

PT-TILT (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	0/128/256KB (located on the Celeron CPU)
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	16-bit ISA slot, 32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel interface, PS/2 mouse interface, AT keyboard connector, serial interfaces (2), IR connector, USB interfaces (2), ATX power connector, AT power connector, AGP slot, Game/MIDI header, audio in - CD-ROMs (2), SB-Link connector, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	CN13
AT power connector	AT	Wake-on-LAN connector	CN16
ATX power connector	ATX	Chassis fan power	CN17
AT keyboard connector	CN1	Game/MIDI header	CN18
PS/2 mouse interface	CN2	Audio in - CD-ROM 1	CN21
Serial interface 1	CN3	Audio in - CD-ROM 2	CN22
Serial interface 2	CN4	Power LED	CN23
Parallel interface	CN5	Speaker	CN24
USB interface 1	CN6	IDE interface LED	HL
USB interface 2	CN7	32-bit PCI slots	PC1 - PC4
Floppy drive interface	CN8	Green PC connector	PW
IDE interface 1	CN9	Reset switch	RS
IDE interface 2	CN10	Green PC LED	SL
SB-Link connector	CN11	16-bit ISA slots	SL1
IR connector	CN12	Turbo LED	TL

USER CONFIGURABLE SETTINGS

Function		Label	Position
	On-board sound enabled	JP1	Closed
	On-board sound disabled	JP1	Open
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed

CACHE CONFIGURATION

Note: 128/256KB cache is located on the Celeron 300A and greater CPUs.

DIMM CONFIGURATION

Size	Bank 0	Bank 1
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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