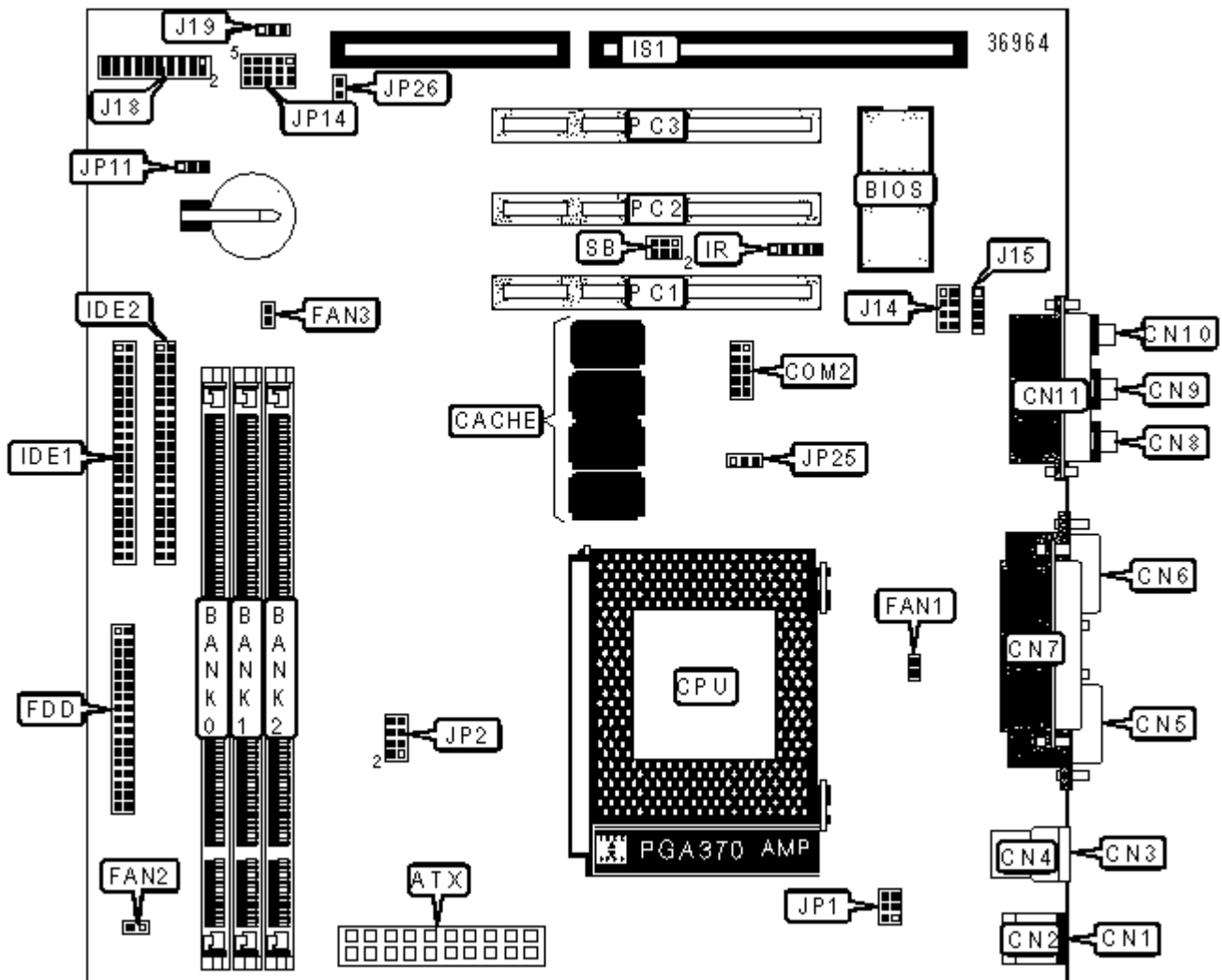


BOARDRUNNER

6MBX2-SV

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500MHz
Chip Set	Intel 440BX
Video Chip Set	ATI
Audio Chip Set	Creative Technologies
Maximum Onboard Memory	768MB (SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	8MB
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	224mm x 220mm
I/O Options	16-bit ISA slot, 32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial interface, serial port, VGA port, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), SB-Link connector, Wake-on-LAN connector, Modem Audio connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	IDE1
PS/2 mouse port	CN1	IDE interface 2	IDE2
PS/2 keyboard port	CN2	IR connector	IR
USB port 1	CN3	32-bit ISA slots	IS1
USB port 2	CN4	Modem Audio connector	J14/Pins 1, 3, 5 & 7
Serial port 1	CN5	Audio in - CD-ROM	J14/Pins 2, 4, 6 & 8
VGA port	CN6	Audio in - CD-ROM	J15
Parallel port	CN7	Reset switch	J18/Pins 1 & 3
Line out	CN8	Power LED	J18/Pins 2, 4 & 6
Line in	CN9	IDE interface LED	J18/Pins 5 & 7
Microphone in	CN10	Green PC LED	J18/Pins 9 & 11
Game/MIDI port	CN11	Green PC connector	J18/Pins 13 & 15
Serial port 2	COM2	Power LED	J18/Pins 17 & 19
CPU fan power	FAN1	Speaker	J18/Pins 14, 16, 18 & 20
Chassis fan power	FAN2	Wake-on-LAN connector	J19
AGP fan power	FAN3	32-bit PCI slots	PC1 - PC3
Floppy drive interface	FDD	SB-Link connector	SB

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP11	Pins 1 & 2 closed
	CMOS memory clear	JP11	Pins 2 & 3 closed
»	On board audio enabled	JP25	Pins 2 & 3 closed
	On board audio disabled	JP25	Pins 1 & 2 closed
	Wake-on LAN enabled	JP26	Closed
	Wake-on LAN disabled	JP26	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64

384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

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

POWER-ON SETTINGS

Function	Label	Position
Power-on keyboard & mouse enabled	JP1	Pins 3 & 5, 4 & 6 closed
Power-on keyboard & mouse disabled	JP1	Pins 1 & 3, 2 & 4 closed
Power-on mouse enabled	JP1	Pins 1 & 3, 4 & 6 closed
Power-on keyboard disabled	JP1	Pins 3 & 5, 2 & 4 closed

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP2/Pins 1 & 2	JP2/Pins 3 & 4	JP2/Pins 5 & 6	JP2/Pins 7 & 8	JP14/Pins 1 & 6
300MHz	66MHz	4.5x	Open	Open	Closed	Open	Open
333MHz	66MHz	5x	Open	Open	Closed	Open	Open
366MHz	66MHz	5.5x	Open	Open	Closed	Open	Open
400MHz	66MHz	6x	Open	Open	Closed	Open	Closed
433MHz	66MHz	6.5x	Open	Open	Closed	Open	Closed
466MHz	66MHz	7x	Open	Open	Closed	Open	Closed
500MHz	66MHz	7.5x	Open	Open	Closed	Open	Closed

CPU SPEED SELECTION (CON'T.)

CPU	Clock	Multiplier	JP14/Pins 2 &	JP14/Pins 3 &	JP14/Pins 4 &	JP14/Pins 5 &
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speed	speed		7	8	9	10
300MHz	66MHz	4.5x	Closed	Open	Closed	Open
333MHz	66MHz	5x	Open	Closed	Closed	Open
366MHz	66MHz	5.5x	Open	Closed	Open	Open
400MHz	66MHz	6x	Closed	Open	Closed	Open
433MHz	66MHz	6.5x	Closed	Open	Open	Open
466MHz	66MHz	7x	Open	Closed	Open	Open
500MHz	66MHz	7.5x	Open	Open	Open	Open