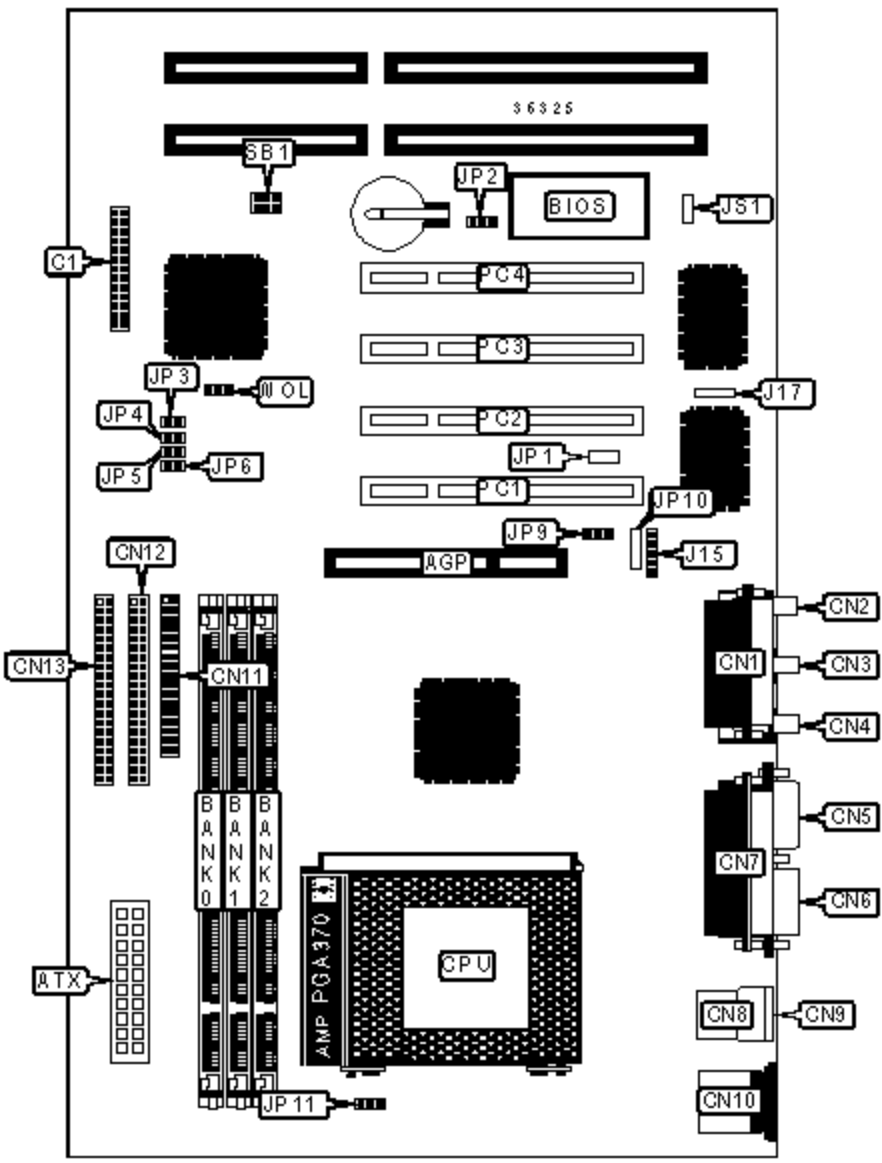


PROCOMP INFORMATICS, LTD.

BIL1A

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500/533MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	384MB (SDRAM supported)
Audio Chip Set	ESS
Cache	128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	305mm x 180mm
I/O Options	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 connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Serial port 1	CN6
ATX power connector	ATX	Serial port 2	CN7

AIX power connector	AIX	Parallel port	CN7
Green PC connector	C1/pins 1 & 3	USB connector 1	CN8
Speaker	C1/pins 2/4/6/8	USB connector 2	CN9
Green PC LED	C1/pins 7 & 9	PS/2 mouse port	CN10
Reset switch	C1/pins 12 & 14	Floppy drive interface	CN11
Soft off power supply	C1/pins 13 & 15	IDE interface 2	CN12
Power LED & keylock	C1/pins 18/20/22/24/26	IDE interface 1	CN13
IDE interface LED	C1/pins 23 & 25	IR connector	J15
Game/MIDI port	CN1	AGP fan power	JP9
Microphone in	CN2	CPU fan power	JP11
Line in	CN3	32-bit PCI slots	PC1 - PC4
Line out	CN4	SB-link connector	SB1
Serial port 2	CN5	Wake on LAN connector	WOL

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	J17	Unidentified
»	Factory configured - do not alter	JP1	Unidentified
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Factory configured - do not alter	JP10	Unidentified
»	Factory configured - do not alter	JS1	Unidentified

DIMM CONFIGURATION

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

16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64

112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
333MHz	66MHz	5x	Open	Open	Closed	Closed
366MHz	66MHz	5.5x	Open	Open	Open	Closed
400MHz	66MHz	6x	Closed	Closed	Closed	Open
433MHz	66MHz	6.5x	Closed	Closed	Open	Open
466MHz	66MHz	7x	Closed	Open	Closed	Open
500MHz	66MHz	7.5x	Closed	Open	Open	Open
533MHz	66MHz	8x	Open	Closed	Closed	Open