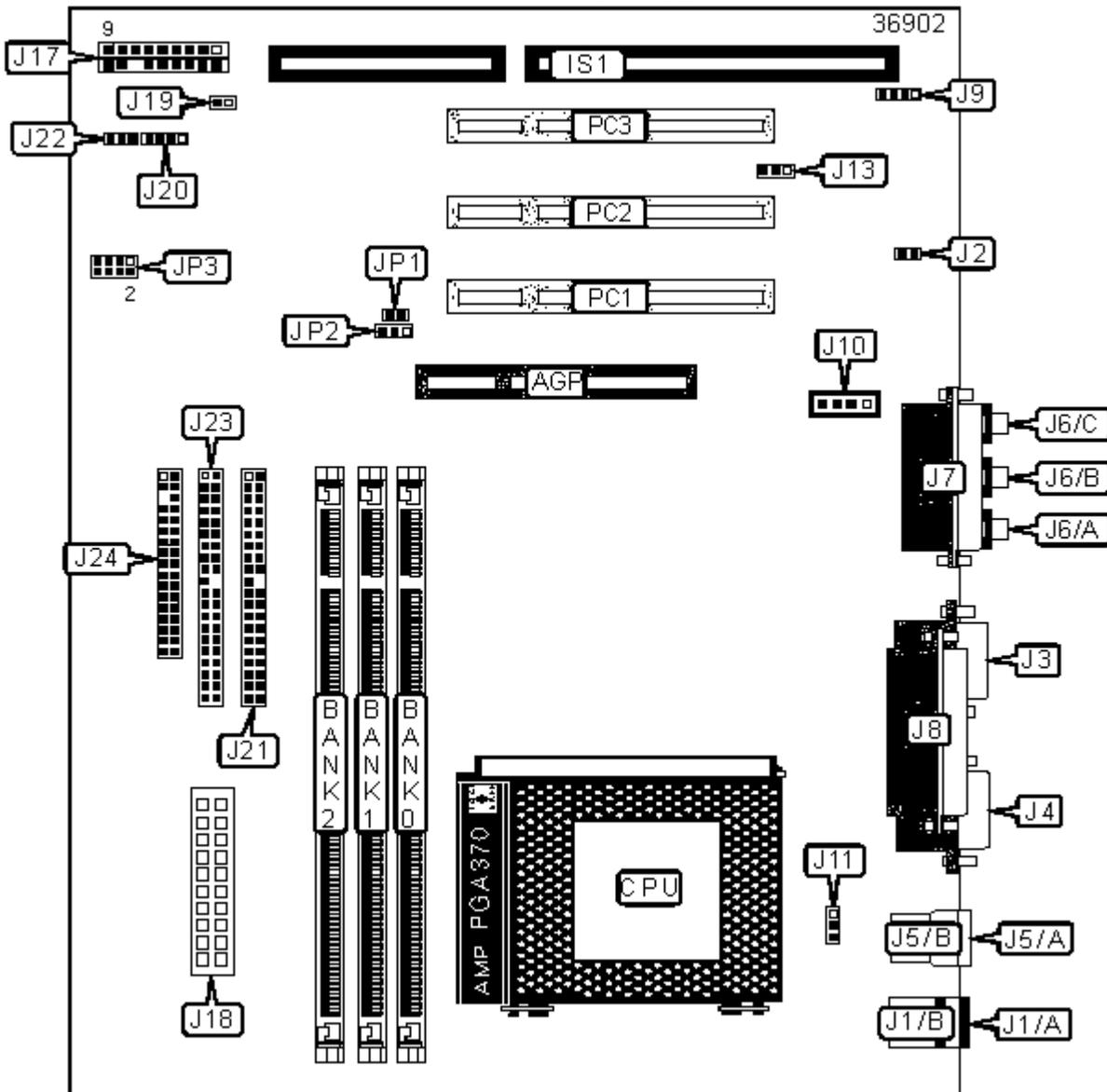


BCM ADVANCED RESEARCH, INC.

GT370EX

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500MHz
Chip Set	Intel 440EX
Audio Chip Set	Creative Labs
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	0/128KB
BIOS	Award
Dimensions	244mm x 211mm
I/O Options	16-bit ISA slot, 32-bit PCI slots (3), AGP slot, ATX power connector, audio in - CD-ROM, floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), IR connector, line in, line out, microphone in, modem connector, parallel port, PS/2 keyboard port, PS/2 mouse port, serial ports (2), S/PDIF connector, USB ports (2), Wake-on-LAN connector, Wake-on-modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Wake-on-LAN connector	J13
PS/2 keyboard port	J1/A	IDE interface LED	J17/Pins 1 & 2
PS/2 mouse port	J1/B	Reset switch	J17/Pins 3 & 4
S/PDIF connector	J2	IR connector	J17/Pins 5 - 8
Serial port 2	J3	Power LED	J17/Pins 10 & 11
Serial port 1	J4	Power switch	J17/Pins 12 & 13
USB port 1	J5/A	Green PC switch	J17/Pins 14 & 15
USB port 2	J5/B	ATX power connector	J18
Line out	J6/A	Wake-on-modem connector	J19
Line in	J6/B	Speaker	J20
Microphone in	J6/C	IDE interface 2	J21
Game/MIDI port	J7	System fan power	J22
Parallel port	J8	IDE interface 1	J23
Modem connector	J9	Floppy drive interface	J24
Audio in - CD-ROM	J10	16-bit ISA slot	IS1
CPU fan power	J11	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Open
	CMOS memory clear	JP1	Closed
»	Factory configured - do not alter	JP2	Unidentified

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) 16M x 64	(1) 8M x 64	(1) 8M x 64
Note: Board supports SDRAM memory.			

CACHE CONFIGURATION

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

CPU SPEED SELECTION

CPU	JP3/Pins 1 & 2	JP3/Pins 3 & 4	JP3/Pins 5 & 6	JP3/Pins 7 & 8
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300MHz	Open	Closed	Closed	Open
333MHz	Open	Open	Closed	Closed
366MHz	Open	Open	Closed	Open
400MHz	Closed	Closed	Open	Closed
433MHz	Closed	Closed	Open	Open
466MHz	Closed	Open	Open	Closed
500MHz	Closed	Open	Open	Open