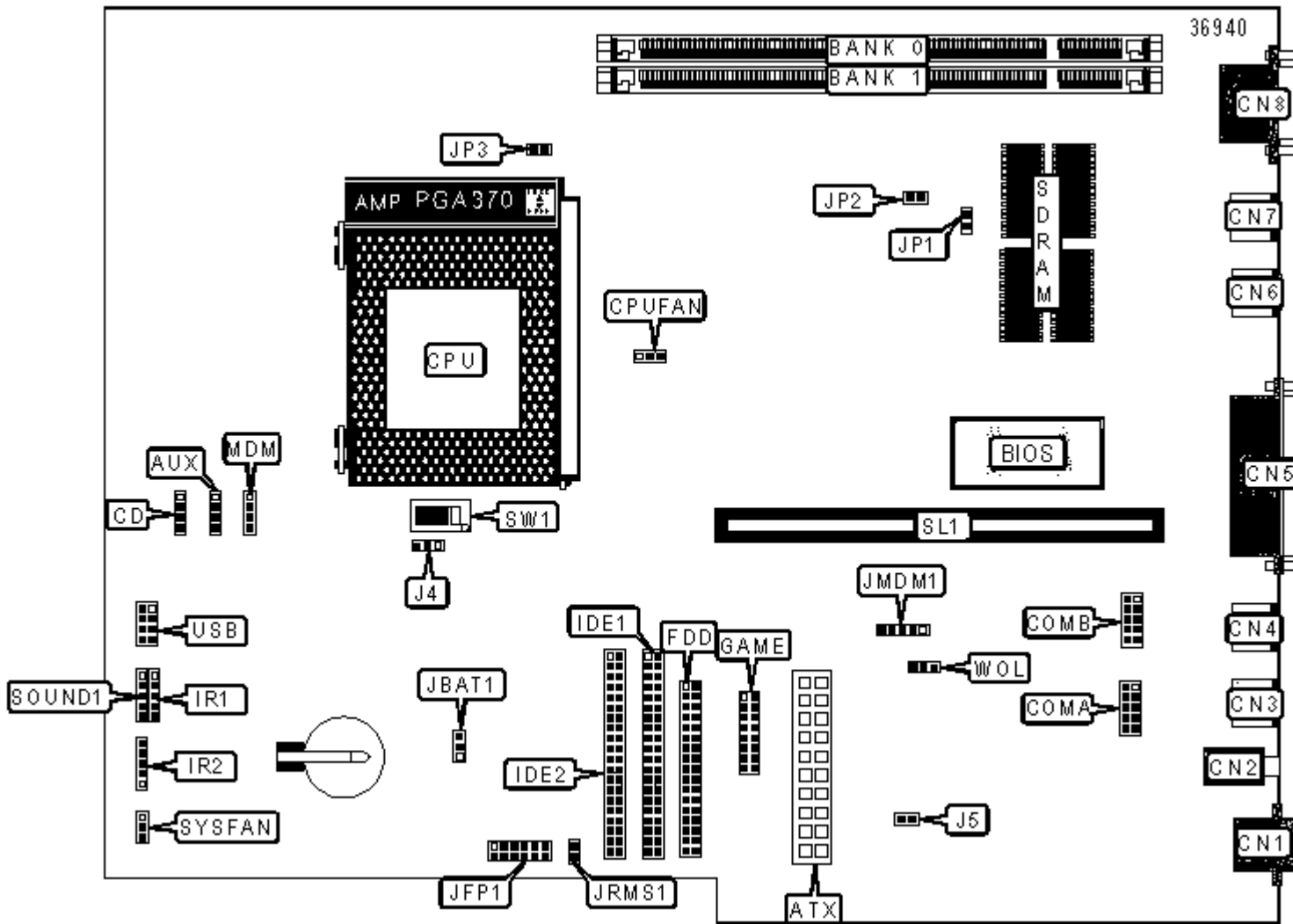


MICRO-STAR INTERNATIONAL CO., LTD.

MS-6165

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466MHz
Chip Set	Intel 440ZX
Video Chip Set	SiS
Audio Chip Set	Creative Technologies
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Video Memory	Unidentified
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Unidentified
Dimensions	250mm x 223mm
I/O Options	Ethernet 10BaseT connector, floppy drive interface, game interface, IDE interfaces (2), parallel port, PS/2 keyboard port, PS/2 mouse port, serial interface (2), VGA port, riser slot, IR connectors (2), ATX power connector, audio in - CD-ROM, Wake-on-Modem connector, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
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ATX power connector	ATX	IDE interface 2	IDE2
Auxilliary in	AUX	IR connector 1	IR1
RJ-45 UTP connector	CN1	IR connector 2	IR2
Speaker	CN2	Reset switch	JFP1/Pins 1 & 2
PS/2 keyboard port	CN3	IDE interface LED	JFP1/Pins 3 & 4
PS/2 mouse port	CN4	Power LED	JFP1/Pins 5 & 9
Parallel port	CN5	Power switch	JFP1/Pins 6 & 8
TV-out port	CN6	Green PC switch	JFP1/Pins 8 & 10
S-out port	CN7	LAN LED	JFP1/Pins 11 & 12
Audio in - CD-ROM	CD	Wake-on-Modem connector	JMDM1
Serial interface 1	COMA	Remote power switch	JRMS1
Serial interface 2	COMB	Wake-on-Modem in connector	MDM
CPU fan power	CPUFAN	Riser slot	SL1
Floppy drive interface	FDD	Sound interface	SOUND1
Game interface	GAME	Chassis fan power	SYSFAN
IDE interface 1	IDE1	Wake-on-LAN connector	WOL

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JBAT1	Pins 1 & 2 closed
	CMOS memory clear	JBAT1	Pins 2 & 3 closed
	AGP clock selector at CPU clock speed	J5	Closed
	AGP clock selector at 2/3 CPU clock speed	J5	Open
»	Factory configured - do not alter	JP1	Unidentified
»	Factory configured - do not alter	JP2	Unidentified
»	Factory configured - do not alter	JP3	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
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

CACHE CONFIGURATION

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

CPU MULTIPLIER SELECTION

Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
3x	On	On	Off	On
3.5x	On	Off	Off	On

4x	On	On	On	Off
4.5x	On	Off	On	Off
5x	On	On	Off	Off
5.5x	On	Off	Off	Off
6x	Off	On	On	On
6.5x	Off	Off	On	On
7x	Off	On	Off	On
7.5x	Off	Off	Off	On
8x	Off	On	On	Off