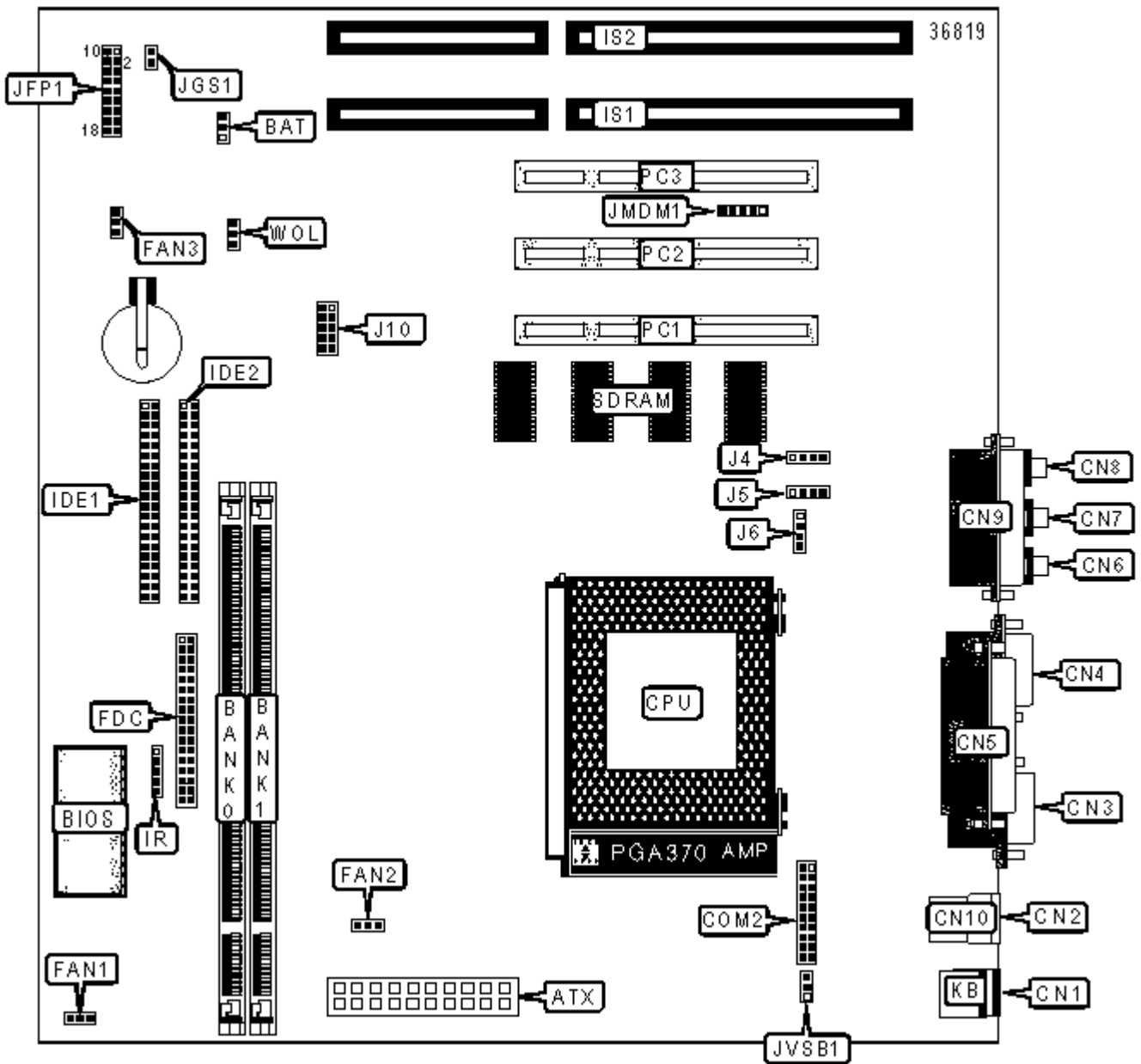


MICRO-STAR INTERNATIONAL CO., LTD

MS-6164

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400MHz
Chip Set	Intel 440ZX
Video Chip Set	ATI
Audio Chip Set	Creative Labs
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Unidentified
Dimensions	244mm x 192mm
I/O Options (backplane)	16-bit ISA slots (3), 32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, serial interface, green PC connector, VGA port, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROM, Wake-on-LAN connector, Wake-on-Modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 2	IDE2
PS/2 mouse port	CN1	IR connector	IR
USB port 1	CN2	Audio in - CD-ROM	J4
Serial port	CN3	Auxilliary audio in	J5
VGA port	CN4	Modem in connector	J6
Parallel port	CN5	Unidentified	J10
Line out	CN6	Keylock	JFP1/Pins 1 & 10
Line in	CN7	Power LED	JFP1/Pins 4 - 6

Microphone in	CN8	Power switch	JFP1/Pins 7 & 8
Game/MIDI port	CN9	IDE interface LED	JFP1/Pins 3 & 12
USB port 2	CN10	Speaker	JFP1/Pins 13 - 16
Serial interface	COM2	Reset switch	JFP1/Pins 17 & 18
Power fan	FAN1	Wake-on-Modem connector	JMDM1
CPU fan power	FAN2	Green PC connector	JGS1
Chassis fan power	FAN3	PS2 keyboard port	KB
Floppy drive interface	FDC	32-bit PCI slots	PC1 - PC3
IDE interface 1	IDE1	Wake-on-LAN connector	WOL

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	BAT	Pins 1 & 2 closed
	CMOS memory clear	BAT	Pins 2 & 3 closed
»	Factory configured - do not alter	JVSB1	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1
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 SDRAM memory.		

CACHE CONFIGURATION

Note: 0/128KB cache is located on the Celeron CPUs.