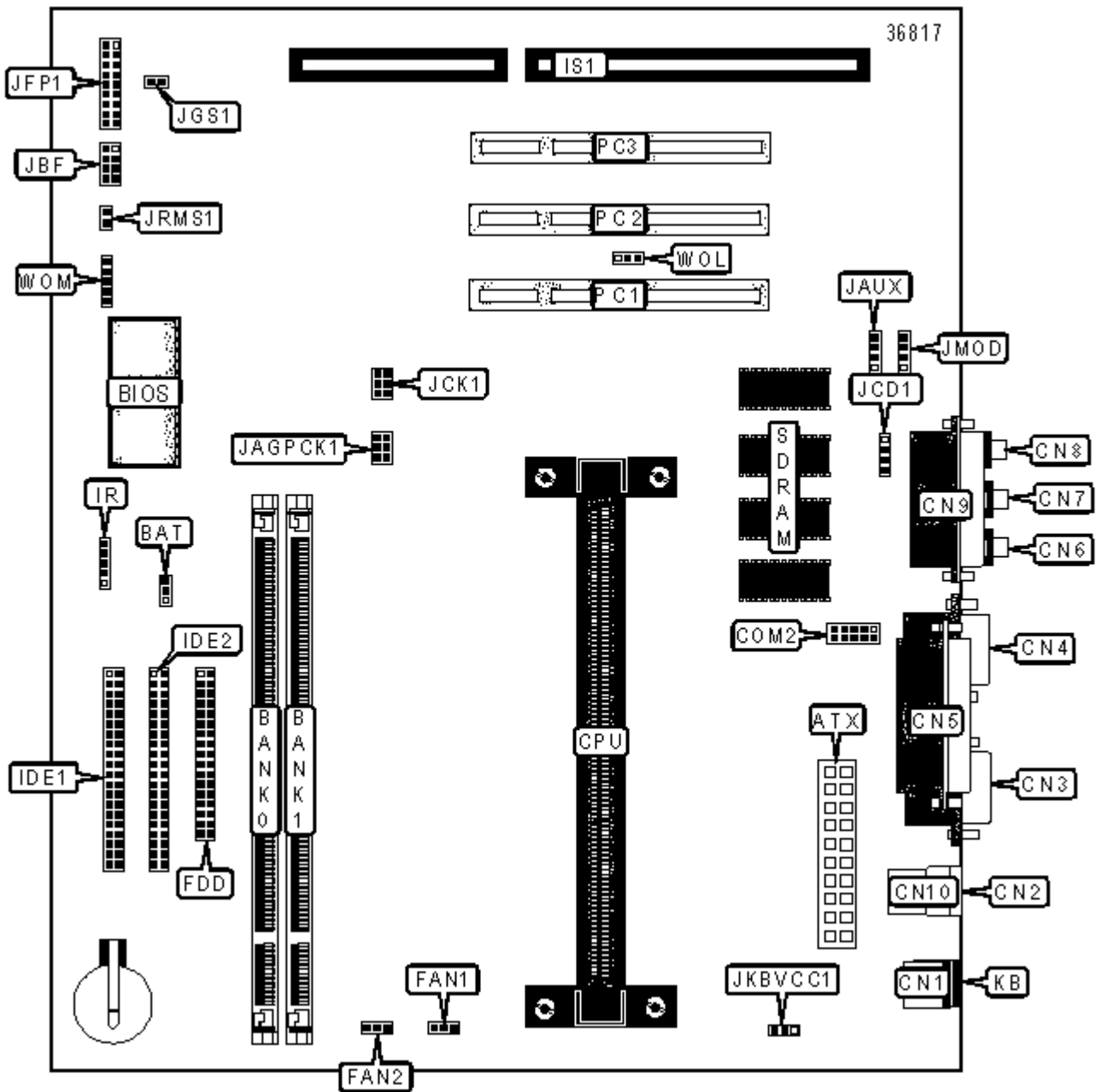


MICRO-STAR INTERNATIONAL CO., LTD.

MS-6145

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/400/450MHz
Chip Set	SiS
Video Chip Set	ATI
Audio Chip Set	Creative Labs ES1371
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Maximum Video Memory	8MB (SDRAM)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Unidentified
Dimensions	244mm x 192mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial interface, serial port, 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	16-bit ISA slots	IS1 - IS2
PS/2 mouse port	CN1	Unidentified	JAGPCK1
USB port 1	CN2	Auxilliary connector	JAUX1
Serial port 1	CN3	Audio in - CD-ROM	JCD1
VGA port	CN4	Unidentified	JCK1

Parallel port	CN5	Keylock	JFP1/Pins 1 & 10
Line out	CN6	IDE interface LED	JFP1/Pins 3 & 12
Line in	CN7	Power LED	JFP1/Pins 4 - 6
Microphone in	CN8	Power switch	JFP1/Pins 7 & 8
Game/MIDI port	CN9	Speaker	JFP1/Pins 13 - 16
USB port 2	CN10	Reset switch	JFP1/Pins 17 & 18
Serial interface 2	COM2	Green PC interface	JGS1
Power supply fan	FAN1	Power switch	JRMS1
CPU fan power	FAN2	PS2 keyboard port	KB
Floppy drive interface	FDD	32-bit PCI slots	PC1 - PC3
IDE interface 1	IDE1	Wake-on-LAN connector	WOL
IDE interface 2	IDE2	Wake-on-Modem connector	WOM
IR connector	IR		

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	JMOD	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
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater CPUs.

CPU MULTIPLIER SELECTION

Multiplier	JBF/1	JBF/2	JBF/3	JBF/4
3x	Closed	Closed	Open	Closed
3.5x	Closed	Open	Open	Closed
4x	Closed	Closed	Closed	Open
4.5x	Closed	Open	Closed	Open
5x	Closed	Closed	Open	Open

CPU BUS SELECTION

Speed	JCK1/1	JCK1/2	JCK1/3
66MHz	Closed	Closed	Open
100MHz	Open	Open	Open

AGP BUS SELECTION

Speed	JAGPCK1
66MHz	Pins 1 & 2, 4 & 5 closed
CPU BUS	Pins 3 & 4, 5 & 6 closed