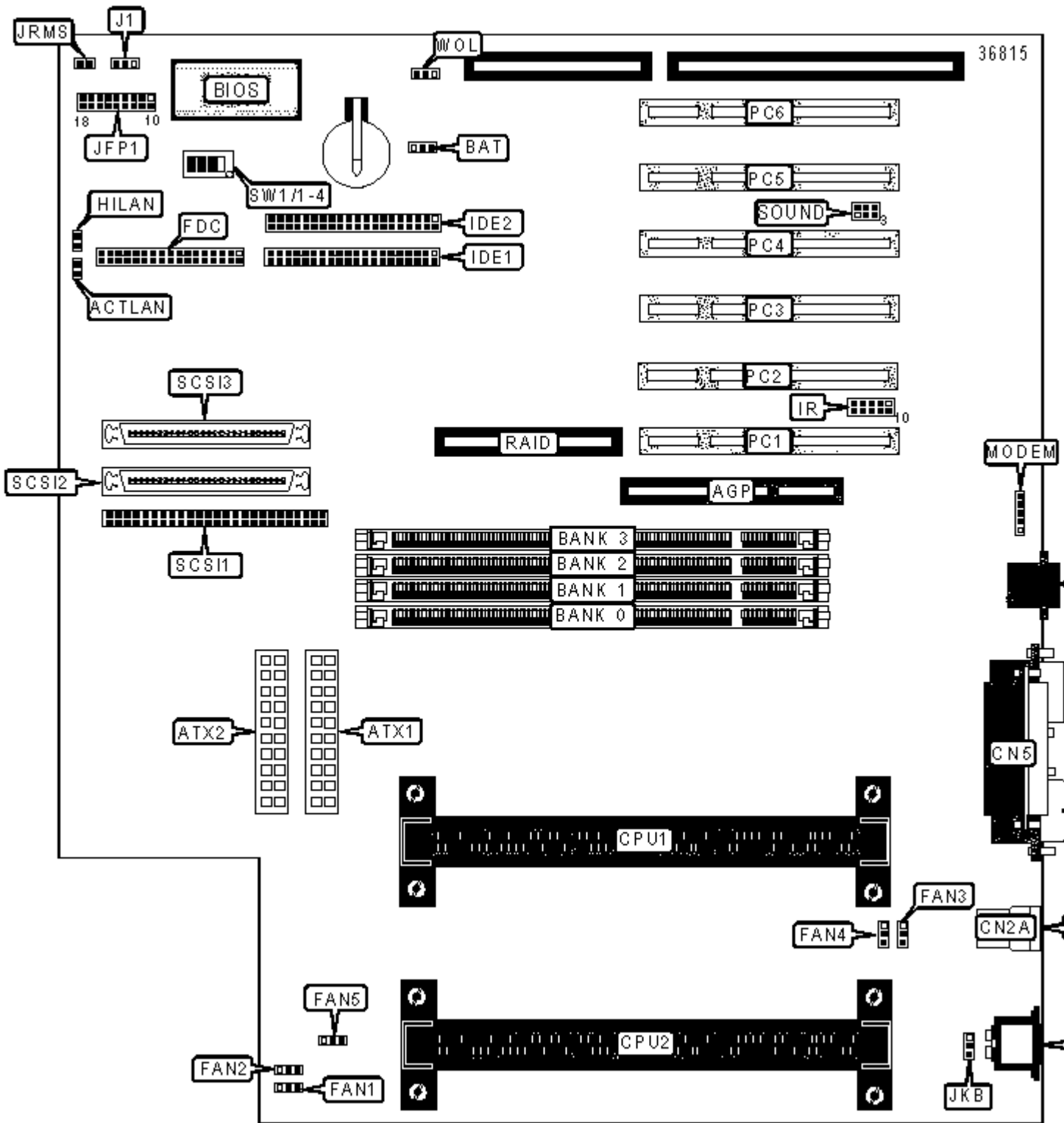


## MICRO-STAR INTERNATIONAL CO., LTD.

MS-6135

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II Xeon (2)
<b>Processor Speed</b>	400/450/500/550/600MHz
<b>Chip Set</b>	Intel 440GX
<b>Maximum Onboard Memory</b>	2048MB (SDRAM supported)
<b>Cache</b>	512/1024/2048KB (located on the Pentium II CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 305mm
<b>I/O Options</b>	32-bit PCI slots (6), Ethernet 10BaseT connector, floppy drive interface, IDE interfaces (2), Ultra SCSI interface, Wide Ultra SCSI interface, Ultra 2 SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power interfaces (2), AGP slot, RAID slot, Wake-on-LAN connector, Wake-on-Modem connector, SB-Link connector, Green PC connector



### CONNECTIONS

Purpose	Location	Purpose	Location
LAN active LED	ACTLAN	IDE interface 2	IDE2
AGP slot	AGP	IR connector	IR
ATX power connector 1	ATX1	Power dual color LED	J1
ATX power connector 2	ATX2	Keylock	JFP1/Pins 1 & 10

PS/2 mouse port	CN1	IDE interface LED	JFP1/Pins 3 & 12
USB port 1	CN2	Power LED	JFP1/Pins 4, 5, & 6
USB port 2	CN2A	Power switch	JFP1/Pins 7 & 8
Serial port 1	CN3	Speaker	JFP1/Pins 13, 14, 15 & 16
Serial port 2	CN4	Reset switch	JFP1/Pins 17 & 18
Parallel port	CN5	Green PC connector	JRMS
CPU fan power	FAN1	Wake-on-modem connector	MODEM
CPU fan power	FAN2	32-bit PCI slots	PC1 - PC6
CPU fan power	FAN3	RAID slot	RAID
CPU fan power	FAN4	Ultra SCSI interface	SCSI1
Power supply fan power	FAN5	Ultra Wide SCSI interface	SCSI2
Floppy drive interface	FDC	Ultra 2 SCSI interface	SCSI3
LAN high activity LED	HILAN	SB-Link connector	SOUND
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
»	Wake-on-Keyboard disable	JKB	Pins 2 & 3 closed
	Wake-on-Keyboard enable	JKB	Pins 1 & 2 closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None

32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 16M x 64	None	None	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB*	(1) 32M x 64	None	None	None
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB*	(1) 32M x 64	(1) 32M x 64	None	None
512MB*	(1) 64M x 64	None	None	None
528MB*	(1) 32M x 64	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64

544MB*	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
576MB*	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
640MB*	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
768MB*	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
768MB*	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB*	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB*	(1) 64M x 64	(1) 64M x 64	None	None
1040MB*	(1) 64M x 64	(1) 64M x 64	(1) 1M x 64	(1) 1M x 64
1056MB*	(1) 64M x 64	(1) 64M x 64	(1) 2M x 64	(1) 2M x 64
1088MB*	(1) 64M x 64	(1) 64M x 64	(1) 4M x 64	(1) 4M x 64
1152MB*	(1) 64M x 64	(1) 64M x 64	(1) 8M x 64	(1) 8M x 64
1280MB*	(1) 64M x 64	(1) 64M x 64	(1) 16M x 64	(1) 16M x 64
1536MB*	(1) 64M x 6	(1) 64M x 6	(1) 64M x 6	None
1536MB*	(1) 64M x 64	(1) 64M x 64	(1) 32M x 64	(1) 32M x 64
2048MB*	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64

Note: Board supports SDRAM memory.

\*Note: Memory configuration must use registered SDRAM.

### CACHE CONFIGURATION

Note: 512KB/1024KB/2048KB cache is located on the Pentium II CPUs.

### CPU SPEED SELECTION

CPU speed	Bus Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
400MHz	100MHz	4x	Off	On	On	On
450MHz	100MHz	4.5x	Off	On	Off	On
500MHz	100MHz	5x	Off	Off	On	On
550MHz	100MHz	5.5x	Off	Off	Off	On
600MHz	100MHz	6x	On	On	On	Off