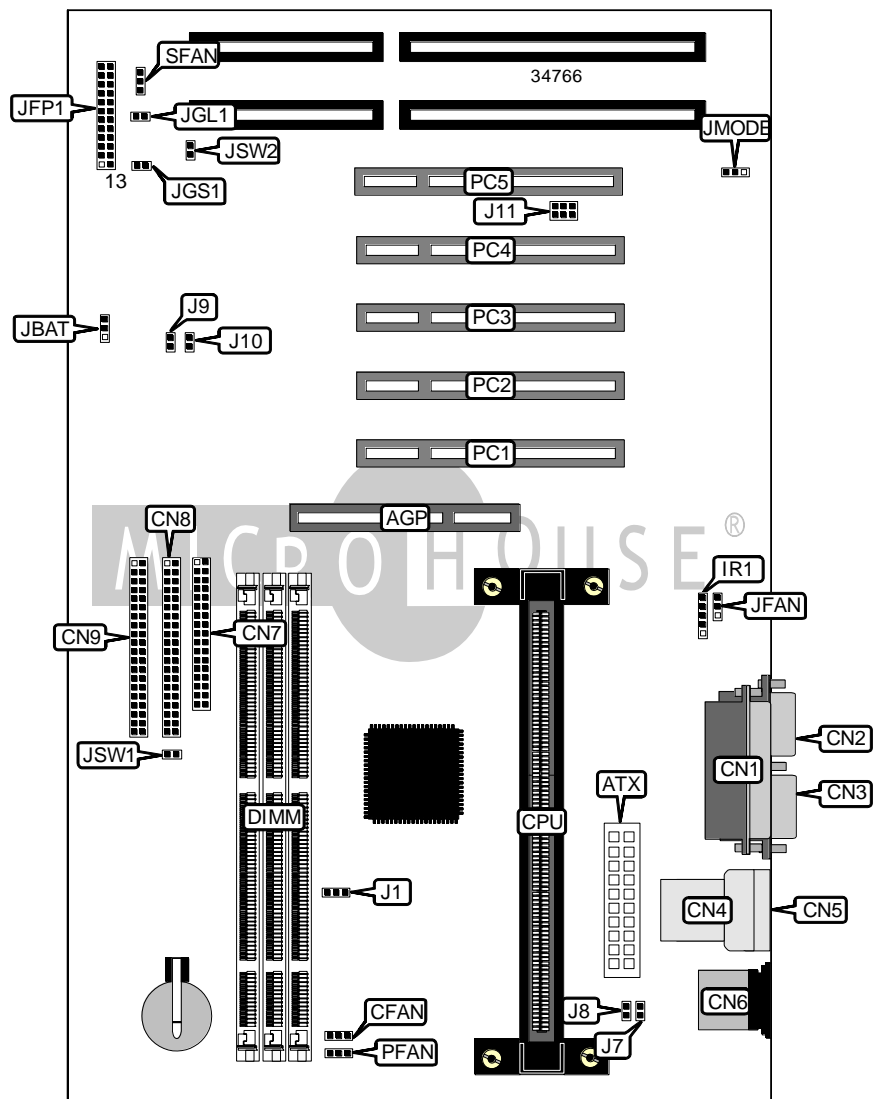


# MICRO-STAR INTERNATIONAL CO., LTD.

## MS - 6 1 1 7

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	200/233/266/300/333MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	1GB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 186mm
<b>I/O Options</b>	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Green PC LED	JGL1
ATX power connector	ATX	Green PC connector	JGS1
CPU fan power	CFAN	Turbo LED	JFP1/pins 2 & 3
Parallel port	CN1	Reset switch	JFP1/pins 9 & 10
Serial port 2	CN2	IDE interface LED	JFP1/pins 12 & 24
Serial port 1	CN3	Power LED & keylock	JFP1/pins 13 - 17
USB connector 1	CN4	Speaker	JFP1/pins 19 - 22
USB connector 2	CN5	Chassis fan power	JFAN
PS/2 mouse port	CN6	Soft off power supply	JSW1
Floppy drive interface	CN7	Soft off power supply	JSW2
IDE interface	CN8	32-bit PCI slots	PC1 – PC5
IDE interface	CN9	Power supply fan	PFAN
IR connector	IR1	Chassis fan power	SFAN

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J1	Unidentified
í Factory configured - do not alter	J11	Unidentified
í CMOS memory normal operation	JBAT	Pins 1 & 2 closed
CMOS memory clear	JBAT	Pins 2 & 3 closed
í Flash BIOS voltage select 12v	JMODE	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JMODE	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64

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DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 64M x 64	None	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None

Note: Board accepts EDO & SDRAM memory. 512MB maximum if using EDO memory. 1024MB maximum if using EDO memory.

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**CACHE CONFIGURATION**

Note: 256KB/512KB cache is located on the Pentium II CPU.

**CPU SPEED SELECTION**

CPU speed	Clock speed	Multiplier	J9	J10	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	3x	Open	Open	On	On	Off	On
233MHz	66MHz	3.5x	Open	Open	On	Off	Off	On
266MHz	66MHz	4x	Open	Open	On	On	On	Off
300MHz	66MHz	4.5x	Open	Open	On	Off	On	Off
333MHz	66MHz	5x	Open	Open	On	On	Off	Off

Note: The location of SW1 is unidentified.

**KEYBOARD POWER SELECTION**

Voltage	J7	J8
í 5v	Closed	Open
5v standby	Open	Closed