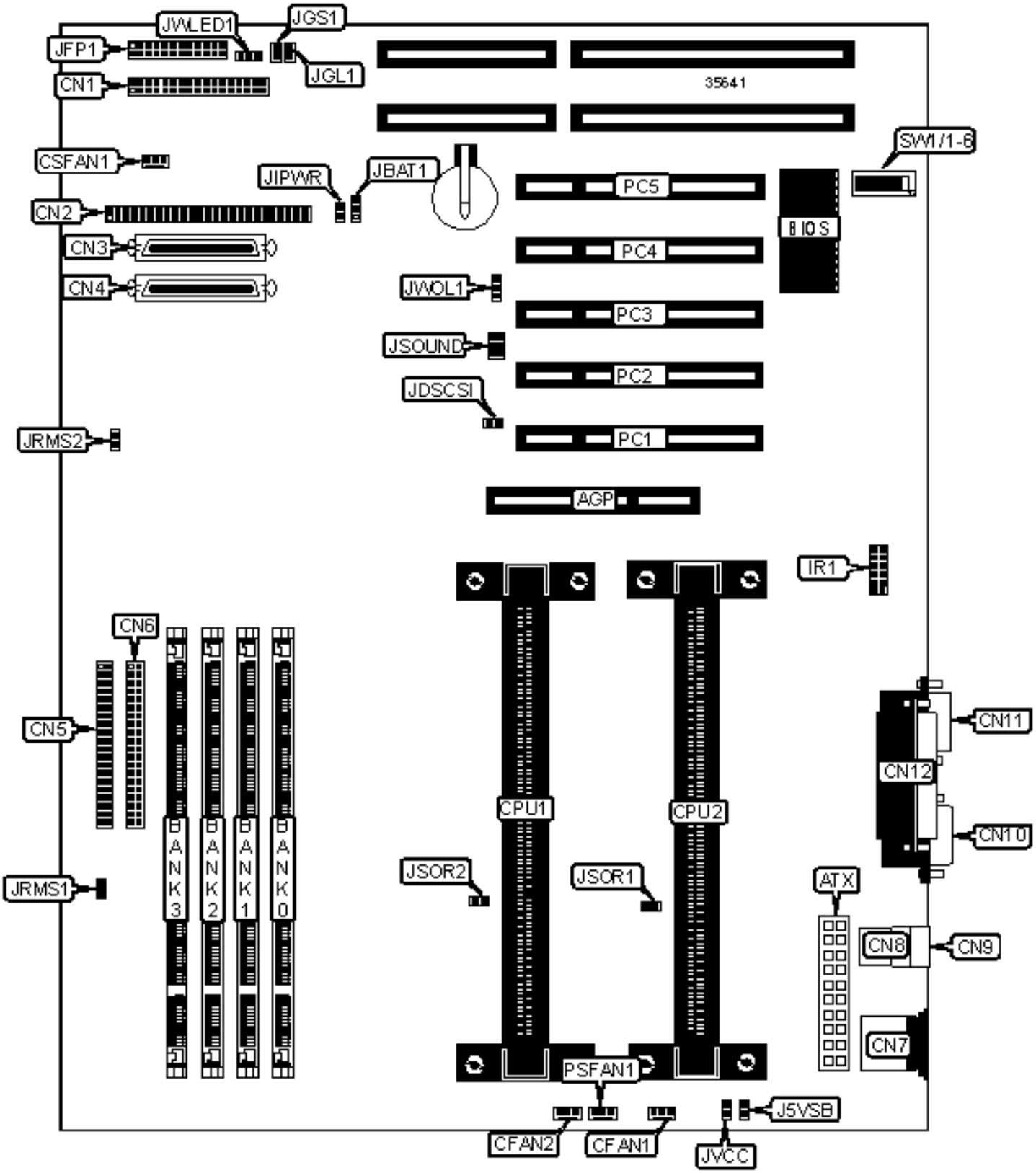
MICRO-STAR INTERNATIONAL CO., LTD.

MS-6120

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	CSFAN1
ATX power connector	ATX	IR connector	IR1
CPU fan power	CFAN1	Keylock	JFP1/pins 1 & 10
CPU fan power	CFAN2	IDE interface LED	JFP1/pins 3 & 12
Floppy drive interface	CN1	Power LED	JFP1/pins 4 - 6
SCSI interface	CN2	Power switch	JFP1/pins 7 & 8
Ultra-wide SCSI interface	CN3	Speaker	JFP1/pins 13 - 16
Ultra-wide SCSI interface	CN4	Reset switch	JFP1/pins 17 & 18
IDE interface 1	CN5	Soft off power switch	JRMS1
IDE interface 2	CN6	Soft off power switch	JRMS2
PS/2 mouse port	CN7	32-bit PCI slots	PC1 - PC5
USB connector 1	CN8	Power supply fan connector	PSFAN1
USB connector 2	CN9	Wake on modem connector	JMDM1
Serial port 1	CN10	Wake on LAN connector	JWOL1
Serial port 2	CN11	Sound card connector	JSOUND
Parallel port	CN12		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	CMOS memory normal operation	JBAT1	Pins 1 & 2 closed
	CMOS memory clear	JBAT1	Pins 2 & 3 closed
»	Onboard SCSI controller enabled	JDSCSI	Closed
	Onboard SCSI controller disabled	JDSCSI	Open
»	Auto power on enabled	JIPWR	Open

	Auto power on disabled	JIPWR	Closed
»	Keyboard power on enabled	JVCC	Open
	Keyboard power on disabled	JVCC	Closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8 MB	1 M x 64	None	None	None
16 MB	(1) 1M x 64	(1) 1M x 64	None	None
16 MB	(1) 2M x 64	None	None	None
24 MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32 MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32 MB	(1) 2M x 64	(1) 2M x 64	None	None
32 MB	(1) 4M x 64	None	None	None
40 MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64	None
48 MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64 MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64 MB	(1) 4M x 64	(1) 4M x 64	None	None
64 MB	(1) 8M x 64	None	None	None
80 MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	None
96 MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128 MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128 MB	(1) 8M x 64	(1) 8M x 64	None	None
128 MB	(1) 16M x 64	None	None	None
130 MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	None
192 MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256 MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64

256 MB	(1) 16M x 64	(1) 16M x 64	None	None
256 MB	(1) 32M x 64	None	None	None
320 MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	None
384 MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512 MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512 MB	(1) 32M x 64	(1) 32M x 64	None	None
640 MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	None
768 MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024 MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

CACHE CONFIGURATION

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

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	3x	On	On	Off	On
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	On	On	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
300MHz	100MHz	3x	On	On	Off	On
333MHz	66MHz	5x	On	On	Off	Off
350MHz	100MHz	3.5x	On	Off	Off	On
400MHz	100MHz	4x	On	On	On	Off
450MHz	100MHz	4.5x	On	Off	On	Off
500MHz	100MHz	5x	On	On	Off	Off