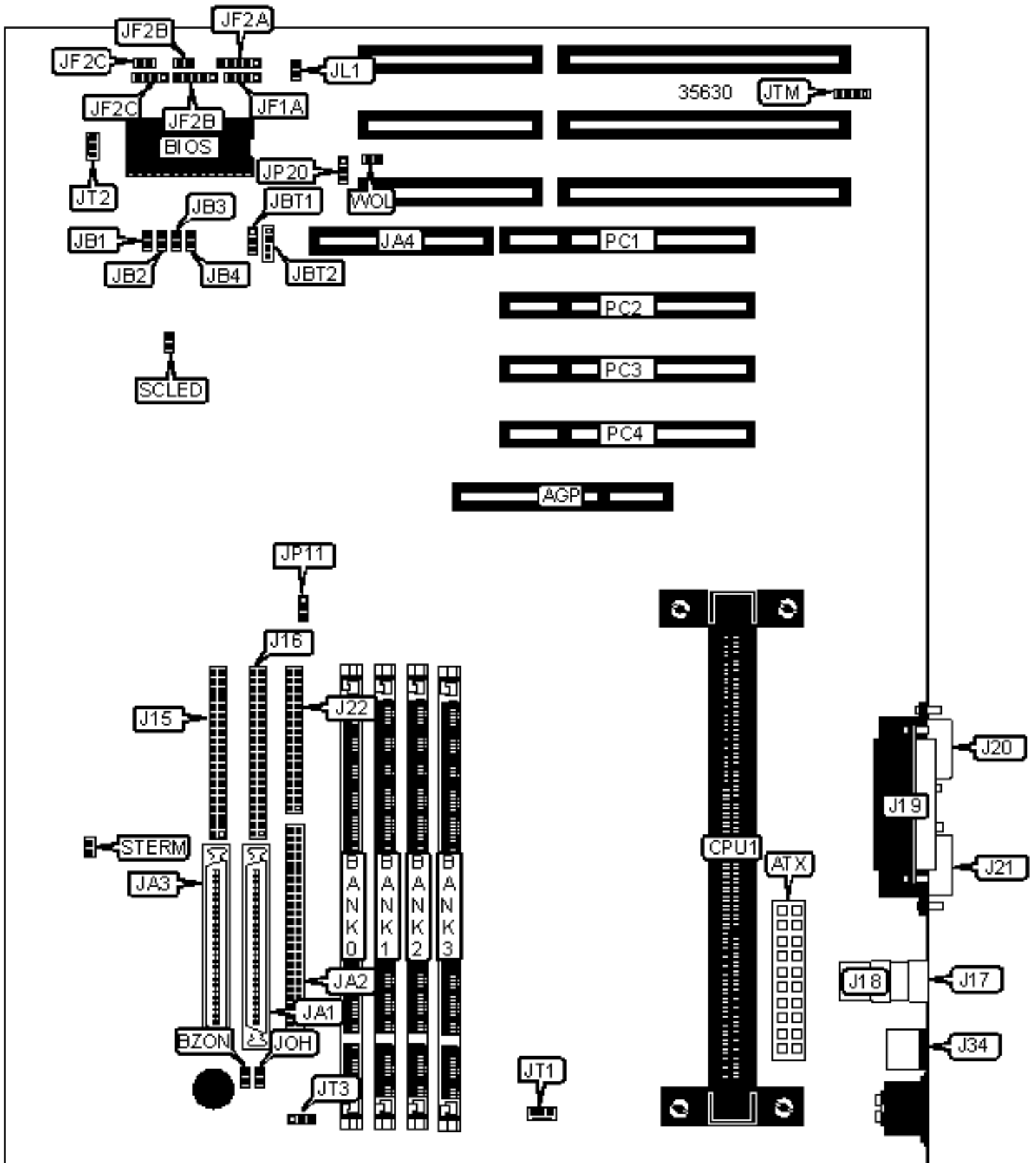


SUPER MICRO

P6SBU

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Power LED & keylock	JF1B
ATX power connector	ATX	Speaker	JF1C
IDE interface 1	J15	IR connector	JF2A
IDE interface 2	J16	Power switch	JF2B
USB connector 1	J17	Reset switch	JF2C
USB connector 2	J18	Chassis intrusion	JL1
Parallel port	J19	Overheat LED	JOH
Serial port 1	J20	CPU fan power	JT1
Serial port 2	J21	CPU fan power	JT2
Floppy drive interface	J22	Chassis fan power	JT3
PS/2 mouse port	J34	32-bit PCI slots	PC1 - PC4
Ultra Wide SCSI interface	JA1	Secondary power connector	PWR2
SCSI 2 interface	JA2	SB link	SBL
Ultra Wide SCSI interface	JA3	SCSI LED	SCLED
RAID slot	JA4	Wake on LAN	WOL
IDE interface LED	JF1A		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JAM	Unidentified
» Pentium II CTL PD state	JP20	Pins 1 & 2 closed
BIOS CTL PD state	JP20	Pins 2 & 3 closed
» CMOS memory normal operation	JBT1	Pins 1 & 2 closed
CMOS memory clear	JBT1	Pins 2 & 3 closed

	Onboard buzzer enabled	BZON	Closed
	Onboard buzzer disabled	BZON	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1MB x 64	None	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None	None
16MB	(1) 2MB x 64	None	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64	
32MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64
32MB	(1) 2MB x 64	(1) 2MB x 64	None	None
32MB	(1) 4MB x 64	None	None	None
40MB	(1) 2MB x 64	(1) 2MB x 64	(1) 1MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	None
64MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64
64MB	(1) 4MB x 64	(1) 4MB x 64	None	None
64MB	(1) 8MB x 64	None	None	None
88MB	(1) 4MB x 64	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	
112MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	(1) 2MB x 64
128MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64
128MB	(1) 8MB x 64	(1) 8MB x 64	None	None
128MB	(1) 16MB x 64	None	None	None
176MB	(1) 8MB x 64	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	
224MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	(1) 4MB x 64

256MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64	None	None
256MB	(1) 32MB x 64	None	None	None
352 MB	(1) 16MB x 64	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64
384MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	
448 MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	(1) 8MB x 64
512MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64
512MB	(1) 32MB x 64	(1) 32MB x 64	None	None
512MB	(1) 64MB x 64	None	None	None
704 MB	(1) 32MB x 64	(1) 32MB x 64	(1) 16MB x 64	(1) 8MB x 64
768MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	None
896 MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	(1) 16MB x 64
1024MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64
1024MB	(1) 64MB x 64	(1) 64MB x 64	None	None
1408 MB	(1) 64MB x 64	(1) 64MB x 64	(1) 32MB x 64	(1) 16MB x 64
1536MB	(1) 64MB x 64	(1) 64MB x 64	(1) 64MB x 64	None
1792 MB	(1) 64MB x 64	(1) 64MB x 64	(1) 64MB x 64	(1) 32MB x 64
2048MB	(1) 64MB x 64	(1) 64MB x 64	(1) 64MB x 64	(1) 64MB x 64

CACHE CONFIGURATION

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

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	JB1	JB2	JB3
233MHz	66MHz	3.5x	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open

300MHz	66MHz	4.5x	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open
350MHz	100MHz	3.5x	Open	Open	Closed
400MHz	100MHz	4x	Closed	Closed	Open
450MHz	100MHz	4.5x	Open	Closed	Open

CPU SPEED SELECTION (PENTIUM II CONT')

CPU speed	Clock speed	Multiplier	JB4	JP11
233MHz	66MHz	3.5x	Closed	Pins 2 & 3 closed
266MHz	66MHz	4x	Closed	Pins 2 & 3 closed
300MHz	66MHz	4.5x	Closed	Pins 2 & 3 closed
333MHz	66MHz	5x	Closed	Pins 2 & 3 closed
350MHz	100MHz	3.5x	Closed	Open
400MHz	100MHz	4x	Closed	Open
450MHz	100MHz	4.5x	Closed	Open