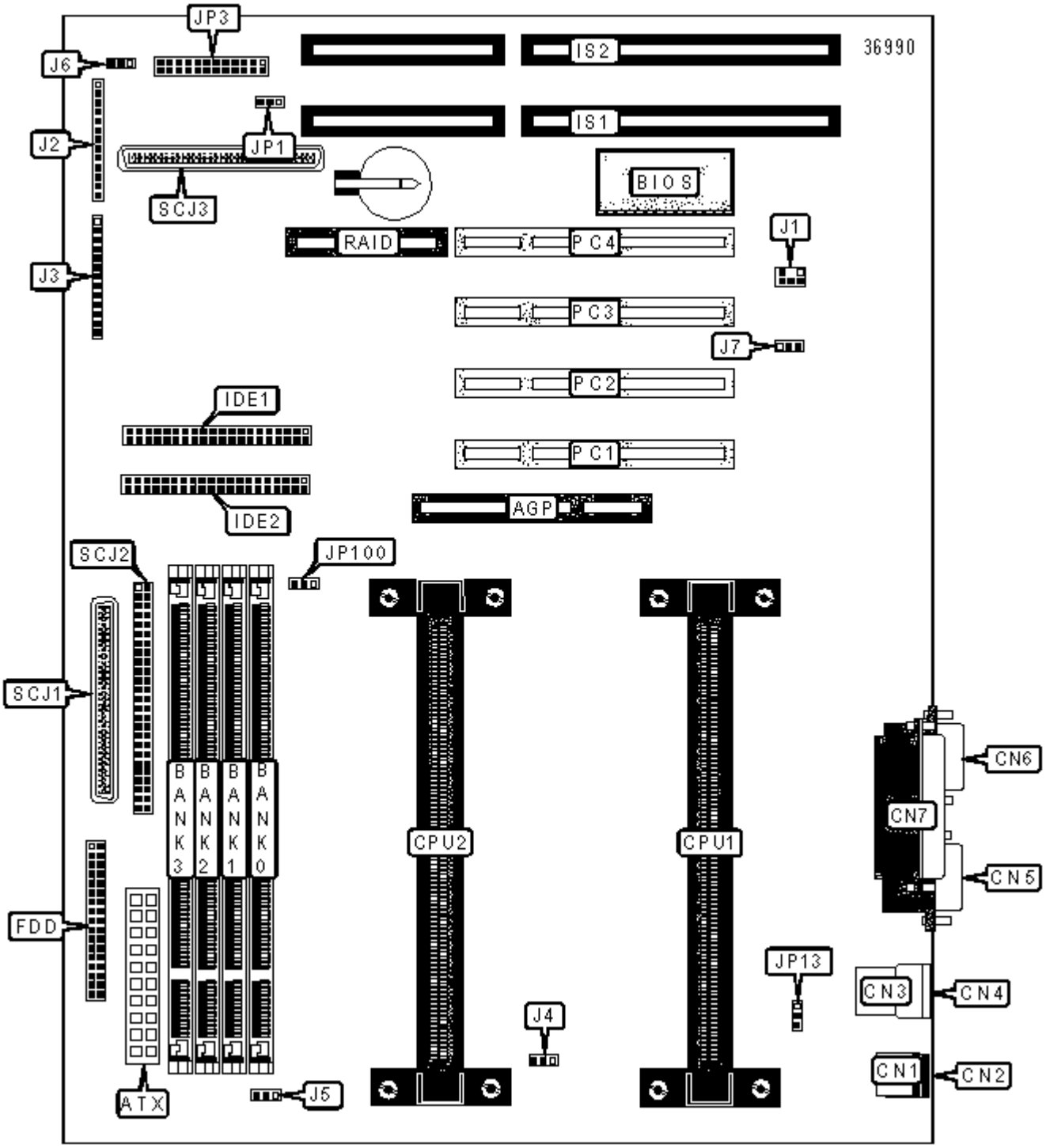
NMC INTERNATIONAL

NMC 6BCDSX+ (SMP)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/333/350/366/400/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	1024MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	Unidentified
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), SCSI connector, SCSI Wide connector, Ultra2 SCSI connector, parallel port, IR connector, PS/2 mouse port, PS/2 keyboard port, serial ports (2), USB ports (2), ATX power connector, AGP slot, SB-Link connector, Wake-on-LAN connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Speaker	J2/Pins 4 - 7
ATX power connector	ATX	Power LED & keylock	J2/Pins 9 - 13
PS/2 mouse port	CN1	IR connector	J3/Pins 1 - 5
PS/2 keyboard port	CN2	IDE interface LED	J3/Pins 7 & 8
USB port 1	CN3	Turbo LED	J3/Pins 9 & 10

USB port 2	CN4	Soft off power connector	J3/Pins 12 & 13
Serial port 1	CN5	CPU fan power 1	J4
Serial port 2	CN6	CPU fan power 2	J5
Parallel port	CN7	Chassis fan power	J6
Floppy drive interface	FDD	Wake-on-LAN connector	J7
IDE interface 1	IDE1	32-bit PCI slots	PC1 - PC4
IDE interface 2	IDE2	RAID connector	RAID
16-bit ISA slots	IS1 - IS3	SCSI Wide connector	SCJ1
SB-Link connector	J1	SCSI connector	SCJ2
Reset switch	J2/Pins 1 & 2	Ultra2 SCSI connector	SCJ3

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed
»	Factory configued - do not alter	JP3	Pins 13 & 14 reserved
»	Factory configued - do not alter	JP3	Pins 15 & 16 reserved
»	Factory configued - do not alter	JP3	Pins 17 & 18 reserved
»	Factory configued - do not alter	JP3	Pins 19 & 20 reserved
»	Factory configued - do not alter	JP3	Pins 21 & 22 reserved
»	Factory configued - do not alter	JP3	Pins 22 & 24 reserved
»	Power-on Keyboard disabled	JP13	Pins 2 & 3 closed
	Power-on Keyboard enabled	JP13	Pins 1 & 2 closed
»	Auto bus clock select	JP100	Pins 1 & 2 closed
	100MHz bus clock select	JP100	Pins 2 & 3 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
*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

Note: Board supports EDO & SDRAM memory. Maximum SDRAM is 512MB. Maximum EDO is 1024MB.
*: Memory configurations require EDO memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPUs.

CPU SPEED SELECTION			
CPU Speed		**Clock Speed**	**JP3**
	200MHz	66MHz	Pins 1 & 2 closed
	233MHz	66MHz	Pins 3 & 4 closed
»	266MHz	66MHz	Pins 5 & 6 closed
	300MHz	66MHz	Pins 7 & 8 closed
	300MHz	100MHz	Pins 1 & 2 closed
	333MHz	66MHz	Pins 9 & 10 closed
	350MHz	100MHz	Pins 3 & 4 closed
	366MHz	66MHz	Pins 11 & 12 closed
	400MHz	100MHz	Pins 5 & 6 closed

	450MHz	100MHz	Pins 7 & 8 closed
	500MHz	100MHz	Pins 9 & 10 closed
	550MHz	100MHz	Pins 11 & 12 closed