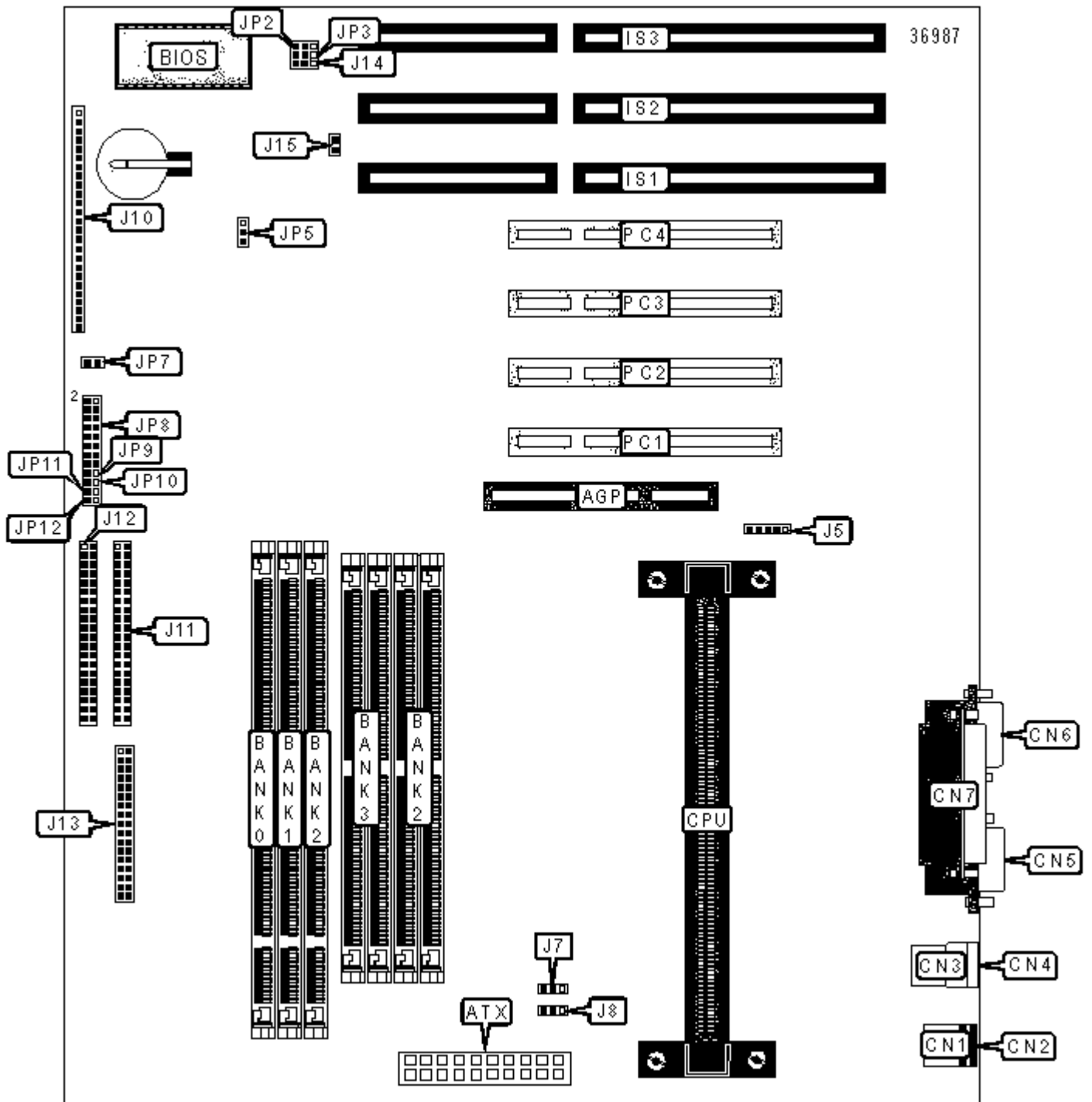


NMC INTERNATIONAL

NMC 6LFX

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300MHz
Chip Set	Intel 440LX
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 (3), 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Speaker	J10/Pins 7 - 10
ATX power connector	ATX	Reset switch	J10/Pins 12 & 13
PS/2 mouse port	CN1	Turbo LED	J10/Pins 15 & 16
PS/2 keyboard port	CN2	Green PC connector	J10/Pins 18 & 19
USB port 1	CN3	Green PC LED	J10/Pins 21 & 22

USB port 2	CN4	IDE interface LED	J10/Pins 24 & 25
Serial port 1	CN5	IDE interface 1	J11
Serial port 2	CN6	IDE interface 2	J12
Parallel port	CN7	Floppy drive interface	J13
16-bit ISA slots	IS1 - IS3	Chassis fan power	J14
IR connector	J5	Chassis intrusion connector	J15
CPU fan power	J7	Soft off power supply	JP7
Power fan	J8	32-bit PCI slots	PC1 - PC4
Power LED & Keylock	J10/Pins 1 - 5		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Flash BIOS 5v setting enabled	JP2	Pins 1 & 2 closed
	Flash BIOS 12v setting enabled	JP2	Pins 2 & 3 closed
»	Flash BIOS 5v setting enabled	JP3	Pins 1 & 2 closed
	Flash BIOS 12v setting enabled	JP3	Pins 2 & 3 closed
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
»	Factory configured - do not alter	JP8	Pins 11 & 12 unidentified
»	Factory configured - do not alter	JP8	Pins 13 & 14 unidentified
»	Factory configured - do not alter	JP8	Pins 15 & 16 unidentified
»	Factory configured - do not alter	JP9	Unidentified
»	Factory configured - do not alter	JP10	Unidentified
»	Factory configured - do not alter	JP11	Unidentified
»	Factory configured - do not alter	JP12	Unidentified

SIMM CONFIGURATION

Size	Bank 2	Bank 3
8MB	(2) 1M x 36	None

16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36

Note: SIMM sockets accept EDO memory only.
Note: SIMM Bank 2 is shared with DIMM Bank 2.

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	*(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	*(1) 32M x 64	(1) 1M x 64	(1) 1M x 64

288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	*(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	*(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	*(1) 32M x 64	*(1) 32M x 64	None
512MB	*(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	*(1) 32M x 64	*(1) 32M x 64	*(1) 32M x 64

Note: Board supports EDO & SDRAM memory. Maximum SDRAM is 384MB. Maximum EDO is 768MB.
 *: Memory configurations require EDO memory.

CACHE CONFIGURATION

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

CPU SPEED SELECTION

	Speed	JP8
	200MHz	Pins 1 & 2 closed
»	233MHz	Pins 3 & 4 closed
	266MHz	Pins 5 & 6 closed
	300MHz	Pins 7 & 8 closed
	333MHz	Pins 9 & 10 closed