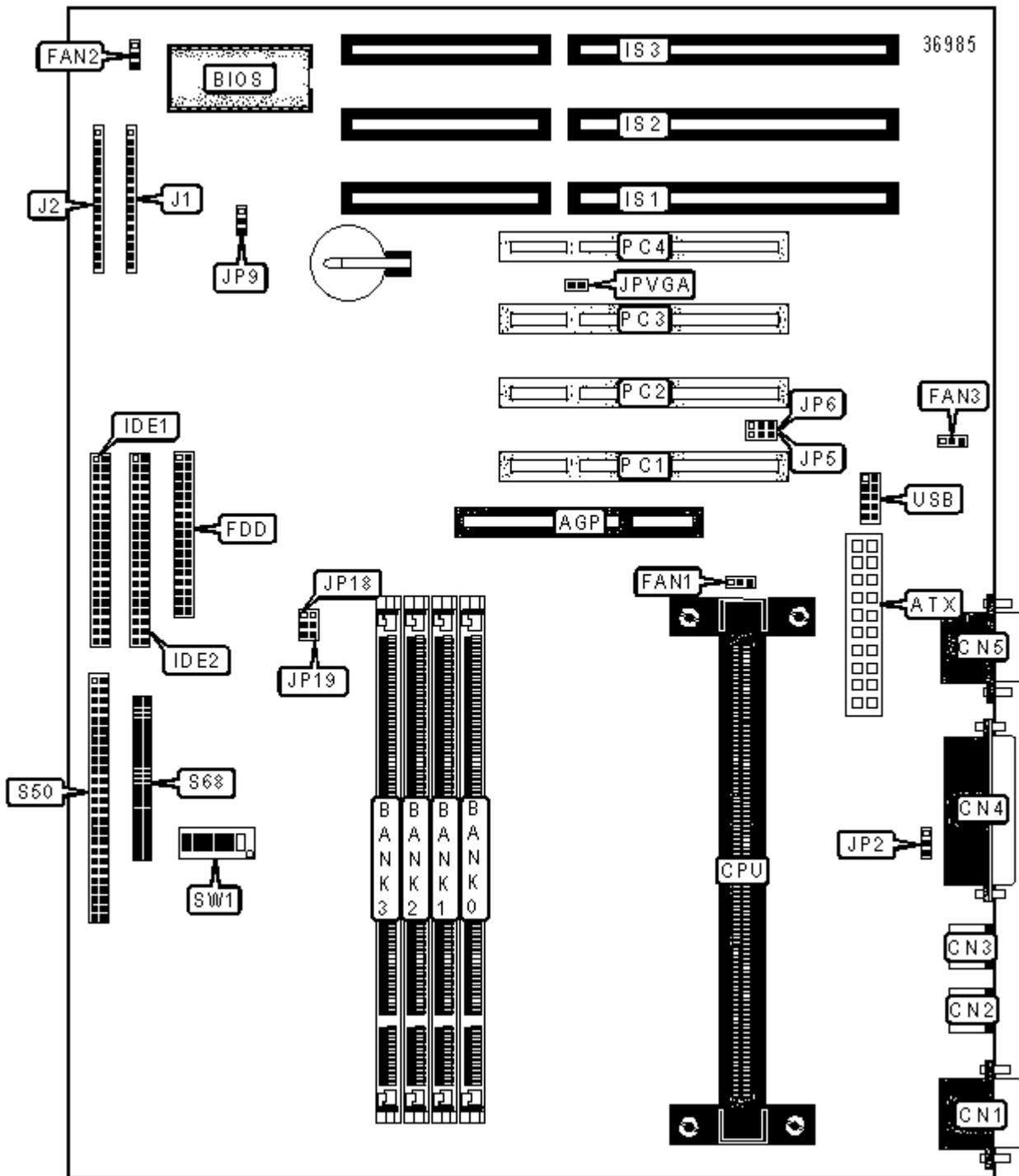


# NMC INTERNATIONAL

## NMC 6LAX

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333MHz
<b>Chip Set</b>	Intel 440LX
<b>Maximum Onboard Memory</b>	1024MB (EDO & SDRAM supported)
<b>Cache</b>	256/512KB (located on the Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	220mm x 330mm
<b>I/O Options</b>	16-bit ISA slots (3), 32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), SCSI interface, SCSI Wide interface, parallel port, PS/2 mouse port, PS/2 keyboard port, serial ports (2), IR connector, ATX power connector, AGP slot



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	16-bit ISA slots	IS1 - IS3
ATX power connector	ATX	IDE interface LED	J1/Pins 1 - 4
Serial port 1	CN1	IR connector	J1/Pins 6 - 10
PS/2 mouse port	CN2	Power switch	J1/Pins 12 & 13
PS/2 keyboard port	CN3	Green PC connector	J1/Pins 14 & 15

Parallel port	CN4	USB interface	USB
Serial port 2	CN5	Speaker	J2/Pins 1 - 4
CPU fan power	FAN1	Reset switch	J2/Pins 5 & 6
Chassis fan power	FAN2	Power LED & keylock	J2/Pins 8 - 12
Power fan	FAN3	Turbo LED	J2/Pins 14 & 15
Floppy drive interface	FDD	32-bit PCI slots	PC1 - PC4
IDE interface 1	IDE1	SCSI interface	S50
IDE interface 2	IDE2	SCSI Wide interface	S68

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Power on keyboard disabled	JP2	Pins 1 & 2 closed
	Power on keyboard enabled	JP2	Pins 2 & 3 closed
»	CMOS memory normal operation	JP9	Pins 1 & 2 closed
	CMOS memory clear	JP9	Pins 2 & 3 closed
»	Normal VGA card selected	JPVGA	Closed
	Special VGA card selected	JPVGA	Open

### 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			
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			

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			
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			
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			
*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			

Note: Board supports EDO & SDRAM memory. Maximum SDRAM is 512MB. Maximum EDO is 1024MB.  
 \*: EDO supported only.

### CACHE CONFIGURATION

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

### USB REDIRECTION

Function		JP5	JP6
»	Redirect USB port to USB interface	Pins 1 & 2 closed	Pins 1 & 2 closed
	Redirect USB port to AGP interface	Pins 2 & 3 closed	Pins 2 & 3 closed

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP18	JP19	SW1/1	SW1/2
233MHz	66MHz	3.5x	2 & 3	2 & 3	On	Off
266MHz	66MHz	4x	2 & 3	2 & 3	Off	On
300MHz	66MHz	4.5x	2 & 3	2 & 3	Off	On
333MHz	66MHz	5x	2 & 3	2 & 3	Off	Off

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	SW1/3	SW1/4	SW1/5	SW1/6
233MHz	66MHz	3.5x	Off	On	Off	Off
266MHz	66MHz	4x	On	On	Off	Off
300MHz	66MHz	4.5x	Off	On	Off	Off
333MHz	66MHz	5x	On	On	Off	Off