NMC INTERNATIONAL

NMC 6LZX (SMP)

Device Type	Mainboard
Processor	Pentium II (2)
Processor Speed	233/266/300/330MHz
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), USB ports (2), ATX power connector, AGP slot, Wake-on-LAN connector, IR connector

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Speaker	J4/Pins 7 - 10
ATX power connector	ATX	Reset switch	J4/Pins 12 & 13
PS/2 mouse port	CN1	Turbo LED	J4/Pins 15 & 16
PS/2 keyboard port	CN2	Green PC connector	J4/Pins 18 & 19
USB port 1	CN3	Green PC LED	J4/Pins 21 & 22

USB port 2	CN4	IDE interface LED	J4/Pins 24 & 25
Serial port 1	CN5	Wake-on-LAN connector	J7
Serial port 2	CN6	CPU fan power 2	J8
Parallel port	CN7	IDE interface 1	J11
16-bit ISA slots	IS1 - IS3	IDE interface 2	J12
Chassis intrusion connector	J1	Floppy drive interface	J13
IR connector	J2	Soft off power supply	J14
Chassis fan power	J3	CPU fan power 1	J44
Power LED & Keylock	J4/Pins 1 - 5	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	Flash BIOS 5v setting enabled	JP1	Pins 1 & 2, 4 & 5 closed
	Flash BIOS 12v setting enabled	JP1	Pins 2 & 3, 5 & 6 closed
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed
»	Factory configued - do not alter	JP8	Pins 11 & 12 reserved
»	Factory configued - do not alter	JP8	Pins 13 & 14 reserved
»	Factory configued - do not alter	JP8	Pins 15 & 16 reserved
»	Factory configued - do not alter	JP9	Reserved
»	Factory configued - do not alter	JP10	Reserved
»	Factory configued - do not alter	JP11	Reserved
»	Factory configued - do not alter	JP12	Reserved

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

	Speed	JP7
	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