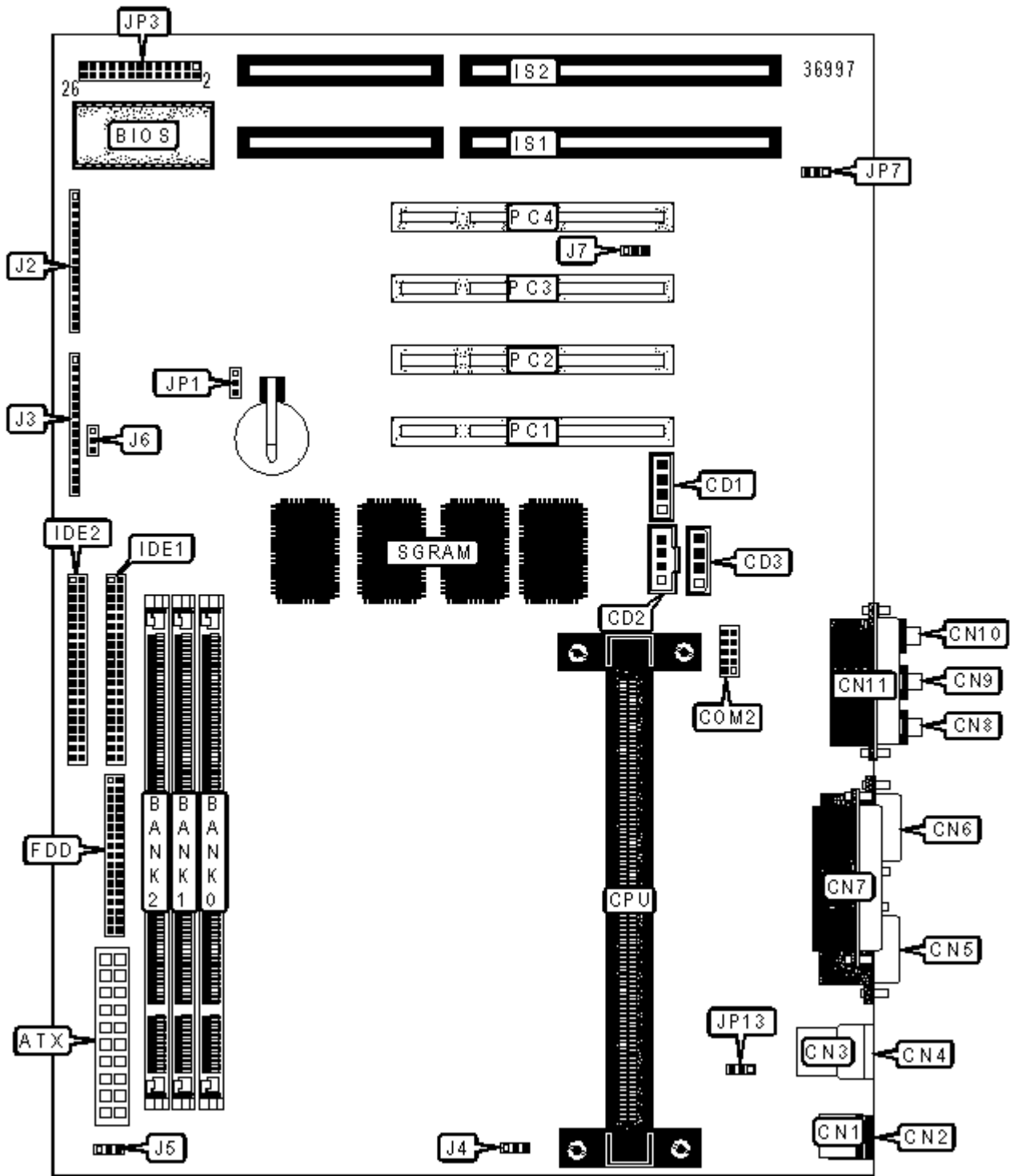


NMC INTERNATIONAL

NMC 6BFX+

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/333/350/366/400/450MHz
Chip Set	Intel 440BX
Video Chip Set	Intel
Audio Chip Set	Yamaha
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	Unidentified
Cache	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), parallel port, PS/2 mouse port, PS/2 keyboard port, USB ports (2), serial port, IR connector, ATX power connector, Wake-on-LAN connector, VGA port, Serial interface, Line in, Line out, microphone in, Game/MIDI port, Audio in - CD-ROM (3)



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Floppy drive interface	FDD
PS/2 mouse port	CN1	IDE interface 1	IDE1
PS/2 keyboard port	CN2	IDE interface 2	IDE2
USB port 1	CN3	16-bit ISA slots	IS1 - IS2

USB port 2	CN4	Reset switch	J2/Pins 1 & 2
Serial port 1	CN5	Speaker	J2/Pins 5 - 7
VGA port	CN6	Power LED & Keylock	J2/Pins 9 - 13
Parallel port	CN7	IR connector	J3/Pins 1 - 5
Line out	CN8	IDE connector LED	J3/Pins 7 & 8
Line in	CN9	Turbo LED	J3/Pins 9 & 10
Microphone in	CN10	Power switch	J3/Pins 12 & 13
Game/MIDI port	CN11	CPU fan power	J4
Audio in - CD-ROM (Mitsumi)	CD1	Power fan	J5
Audio in - CD-ROM (Sony)	CD2	Chassis fan power	J6
Audio in - CD-ROM (Panasonic)	CD3	Wake-on-LAN connector	J7
Serial interface	COM2	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 1 & 2 closed
	CMOS memory clear	JP1	Pins 2 & 3 closed
»	PCI sound disabled	JP7	Pins 2 & 3 closed
	PCI sound enabled	JP7	Pins 1 & 2 closed
»	Power on Keyboard disabled	JP13	Pins 2 & 3 closed
	Power on Keyboard enabled	JP13	Pins 1 & 2 closed

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 (PENTIUM)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	Pins 1 & 2, 15 & 16 closed
233MHz	66MHz	3.5x	Pins 3 & 4, 15 & 16 closed
266MHz	66MHz	4x	Pins 5 & 6, 15 & 16 closed
300MHz	66MHz	4.5x	Pins 7 & 8, 15 & 16 closed
300MHz	100MHz	3x	Pins 1 & 2, 17 & 18 closed
333MHz	66MHz	5x	Pins 9 & 10, 15 & 16 closed
350MHz	100MHz	3.5x	Pins 3 & 4, 17 & 18 closed
400MHz	100MHz	4x	Pins 5 & 6, 17 & 18 closed
450MHz	100MHz	4.5x	Pins 7 & 8, 17 & 18 closed