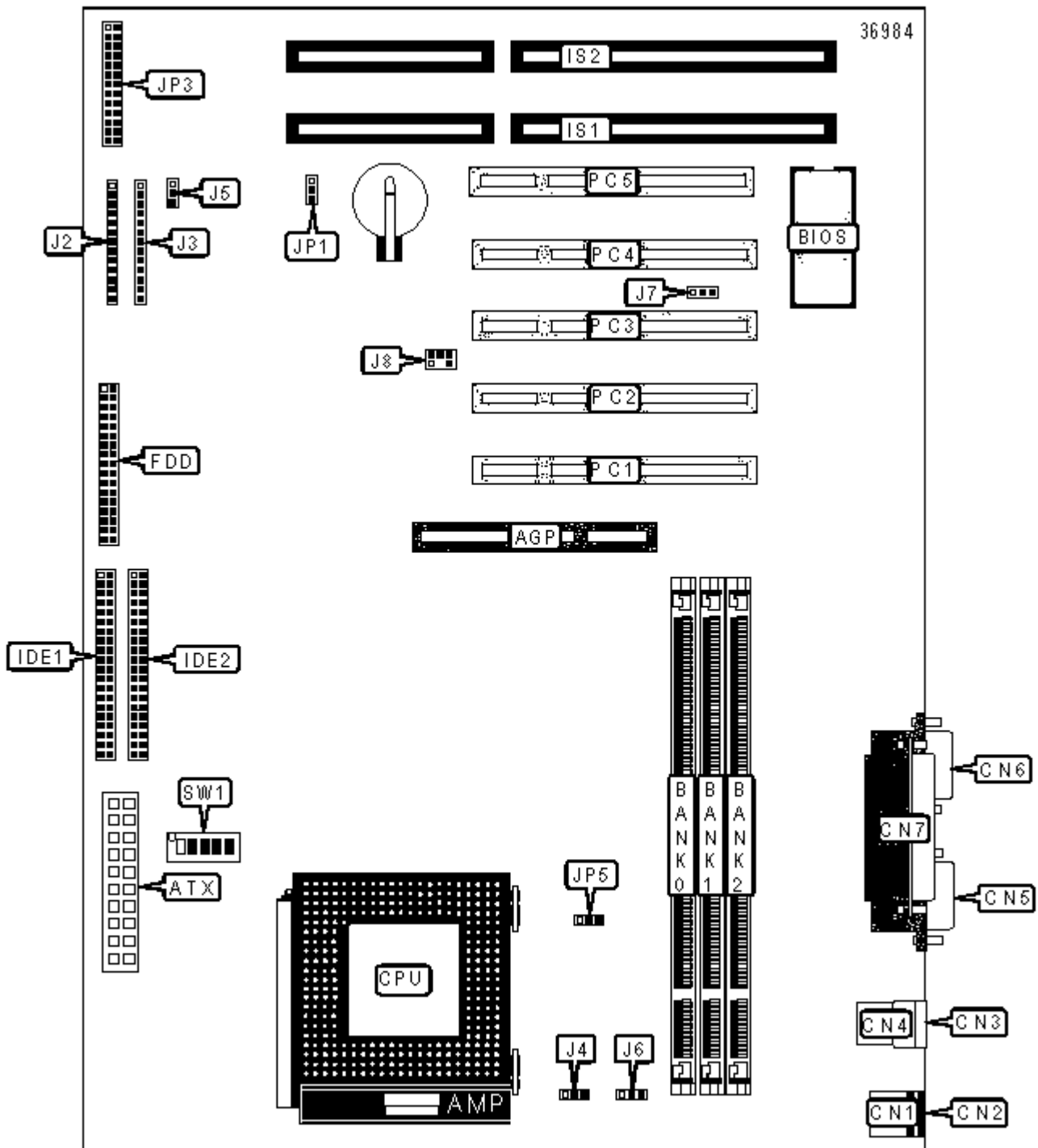


NMC INTERNATIONAL

NMC 5VMX (ISA/PCI/AGP)

Device Type	Mainboard
Processor	CX 6X86L/CX 6X86MX/IBM 6X86L/IBM 6X86MX/CX MIII/ AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	166/200/233/266/300/333/366MHz
Chip Set	VIA
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	1024KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 200mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), floppy drive interface, 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, Wake-on-LAN connector, SB-Link connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Reset switch	J2/Pins 1 & 2
ATX power connector	ATX	Speaker	J2/Pins 4 - 7
PS/2 mouse port	CN1	Power LED & Keylock	J2/Pins 8 - 13
PS/2 keyboard port	CN2	IR connector	J3/Pins 1 - 5
USB port 1	CN3	IDE interface LED	J3/Pins 7 & 8

USB port 2	CN4	Turbo LED	J3/Pins 9 & 10
Serial port 1	CN5	Soft off power supply	J3/Pins 12 & 13
Serial port 2	CN6	CPU fan power	J4
Parallel port	CN7	Chassis fan power	J5
Floppy drive interface	FDD	Power fan	J6
IDE interface 1	IDE1	Wake-on-LAN connector	J7
IDE interface 2	IDE2	SB-Link connector	J8
16-bit ISA slots	IS1 - IS2	32-bit PCI slots	PC1 - PC5

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Power on Keyboard disabled	JP4	Pins 1 & 2 closed
	Power on Keyboard enabled	JP4	Pins 2 & 3 closed
»	SRAM clock at 66MHz	JP5	Pins 1 & 2 closed
	SRAM clock at CPU bus clock speed	JP5	Pins 2 & 3 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) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory.

CPU SPEED SELECTION (CYRIX 6X86MX)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	2x	Pins 1 & 2, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
266MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed

CPU SPEED SELECTION (CYRIX MII)

CPU speed	Clock speed	Multiplier	JP3
300MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed
300MHz	75MHz	3x	Pins 5 & 6, 19 & 20 closed
300MHz	95MHz	2.5x	Pins 3 & 4, 23 & 24 closed
333MHz	66MHz	4x	Pins 9 & 10, 17 & 18 closed

333MHz	75MHz	3.5x	Pins 7 & 8, 19 & 20 closed
333MHz	83MHz	3x	Pins 5 & 6, 21 & 22 closed
366MHz	100MHz	2.5x	Pins 3 & 4, 25 & 26 closed

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	2x	Pins 1 & 2, 17 & 18 closed
233MHz	75MHz	2.5x	Pins 3 & 4, 19 & 20 closed
266MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
266MHz	83MHz	2.5x	Pins 3 & 4, 21 & 22 closed

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	JP3
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JP3
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JP3
166MHz	66MHz	2.5x	Pins 3 & 4, 17 & 18 closed
200MHz	66MHz	3x	Pins 5 & 6, 17 & 18 closed
233MHz	66MHz	3.5x	Pins 7 & 8, 17 & 18 closed

CPU VOLTAGE SELECTION

Voltage	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
1.8v	Off	On	Off	On	On

2v	Off	On	On	On	On
2.1v	On	Off	Off	Off	Off
2.2v	Off	On	Off	Off	Off
2.3v	On	On	Off	Off	Off
2.4v	Off	Off	On	Off	Off
2.8v	Off	Off	Off	On	Off
2.9v	On	Off	Off	On	Off
3.2v	Off	Off	On	On	Off