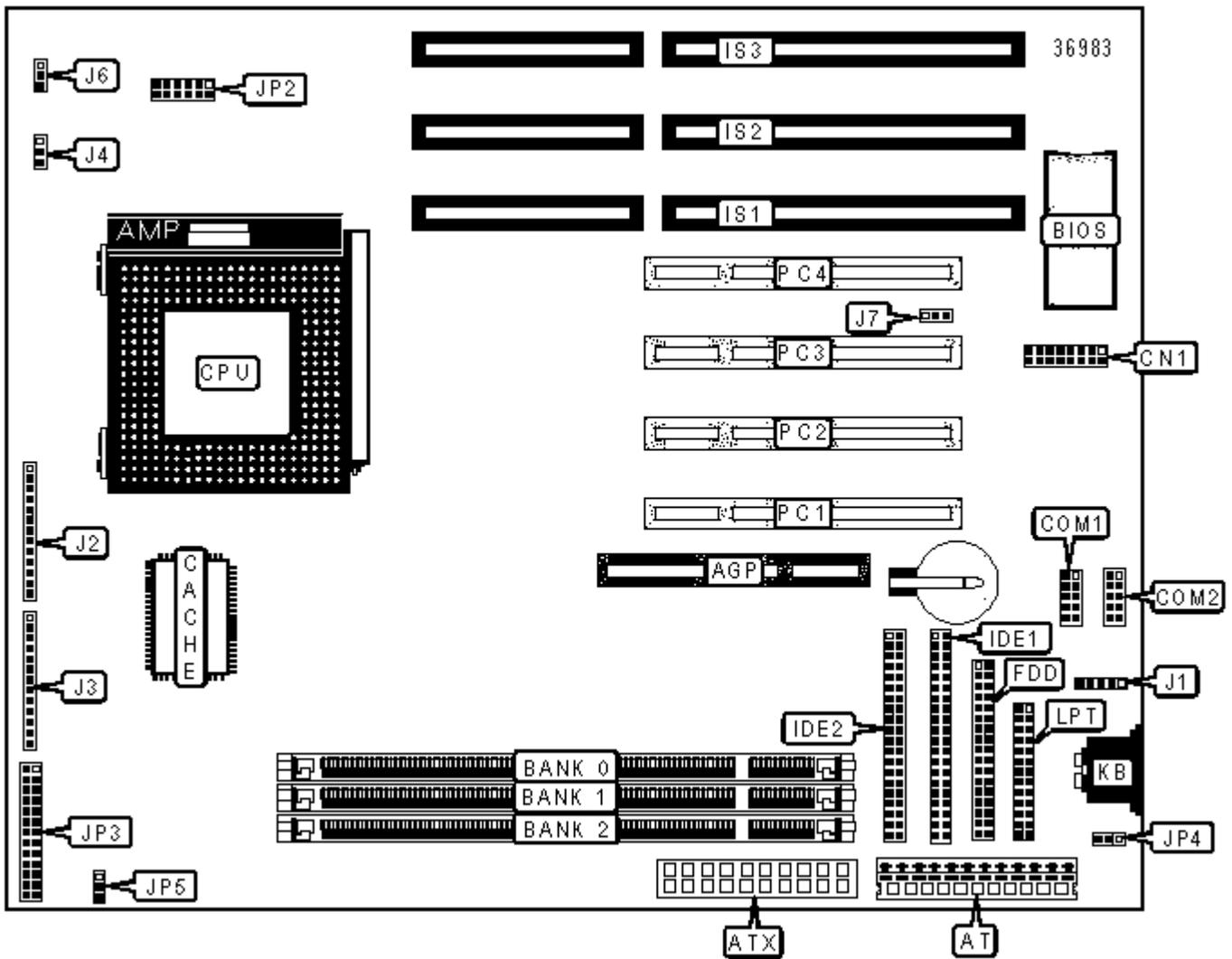


# NMC INTERNATIONAL

## NMC 5VM5 (ISA/PCI/AGP)

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/CX 6X86L/CX 6X86MX/IBM 6X86MX/IDT C6/AM K5/AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	166/200/233/250/266/300/333/366MHz
<b>Chip Set</b>	VIA
<b>Maximum Onboard Memory</b>	384MB (EDO & SDRAM supported)
<b>Cache</b>	512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	220mm x 220mm
<b>I/O Options</b>	16-bit ISA slots (3), 32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 keyboard port, PS/2 mouse interface, serial interfaces (2), IR connector, ATX power connector, AT power connector, AGP slot, Wake-on-LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Speaker	J2/Pins 4 - 7

AT power connector	AT	Power LED & Keylock	J2/Pins 9 - 13
ATX power connector	ATX	IR connector	J3/Pins 1 - 5
USB interface	CN1	IDE interface LED	J3/Pins 7 & 8
Serial interface 1	COM1	Turbo LED	J3/Pins 9 & 10
Serial interface 2	COM2	Power switch	J3/Pins 12 & 13
Floppy drive interface	FDD	CPU fan power	J4
IDE interface 1	IDE1	Chassis fan power	J6
IDE interface 2	IDE2	Wake-on-LAN connector	J7
16-bit ISA slots	IS1 - IS3	Keyboard port	KB
PS/2 mouse interface	J1	Parallel interface	LPT
Reset switch	J2/Pins 1 & 2	32-bit PCI slots	PC1 - PC4

#### 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 speed at 66MHz	JP5	Pins 1 & 2 closed
	SRAM clock speed at CPU 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	2.5x	Pins 3 & 4, 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)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JP3</b>
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)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JP3</b>
200MHz	66MHz	2.5x	Pins 3 & 4, 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)**

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

**CPU SPEED SELECTION (PENTIUM)**

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

**CPU SPEED SELECTION (PENTIUM MMX)**

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>JP3</b>
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

<b>CPU VOLTAGE SELECTION</b>	
<b>Voltage</b>	<b>JP2</b>
2.1v	Pins 1 & 2 closed
2.2v	Pins 3 & 4 closed
2.4v	Pins 5 & 6 closed
2.8v	Pins 7 & 8 closed
2.9v	Pins 9 & 10 closed
3.2v	Pins 11 & 12 closed