PC CHIPS MANUFACTURING, LTD.
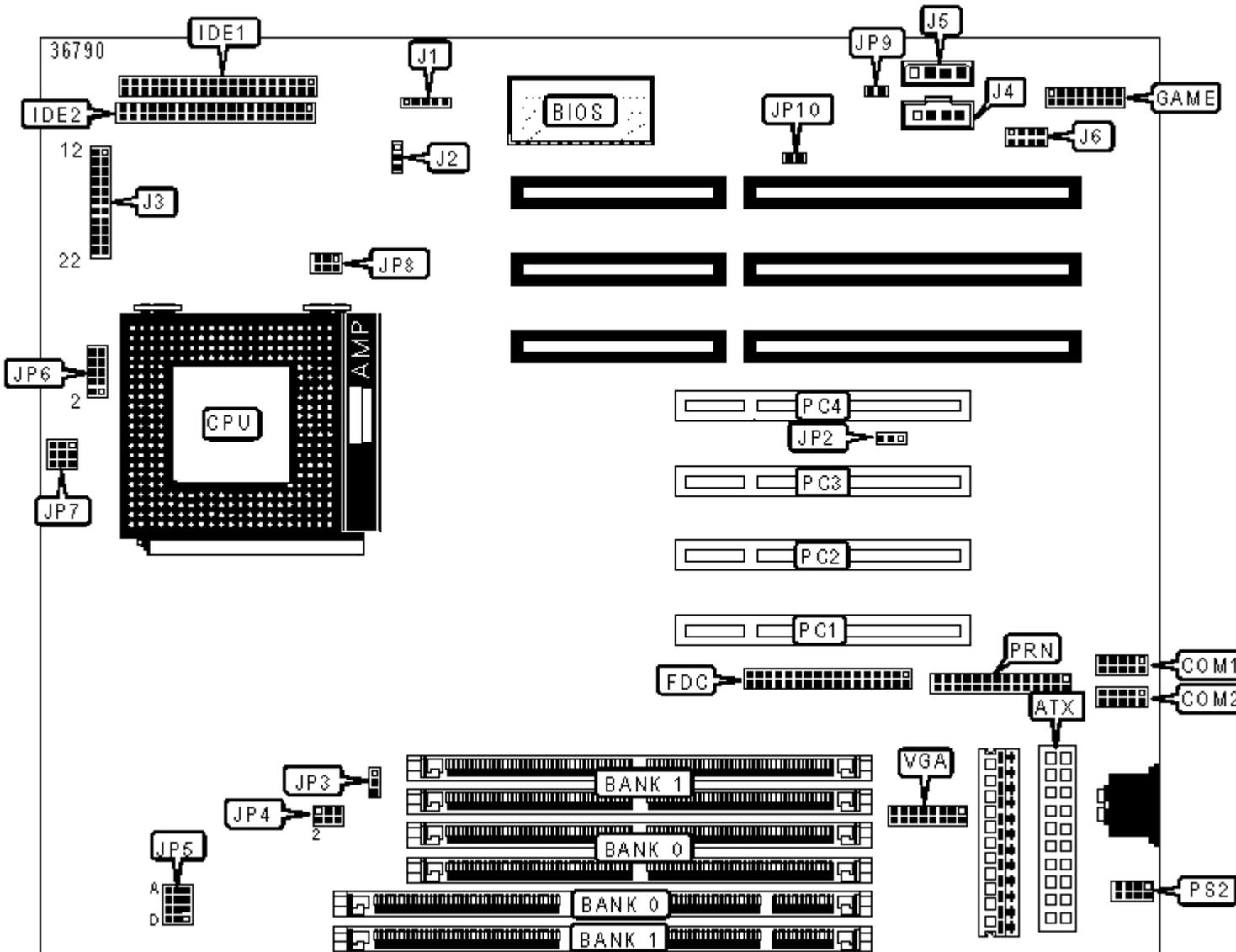
M571 (VER. 3.2)

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/CX M2/AM K6/IDT C6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200/233/266/275/300/325/333/366/375/400/433/450
Chip Set	Unidentified
Video Chip Set	Unidentified
Audio Chip Set	Sound Pro
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Maximum Video Memory	4MB
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	AMI
Dimensions	Unidentified
I/O Options	32-bit PCI slots (4), floppy drive interface, game interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interfaces (2), serial interfaces (2), VGA connector, IR connector, USB interfaces (2), ATX power connector, audio in - CD-ROMs (2), sound interface

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Green PC LED	J3/Pins 11 - 22
Serial interface 1	COM1	Speaker	J3/Pins 12 - 15
Serial interface 2	COM2	Audio in - CD-ROM (Sony)	J4
Floppy drive interface	FDC	Audio in - CD-ROM (Panasonic)	J5
Sound and Game interface	GAME	USB interface 1	J7/Pins 1 - 4
IDE interface 1	IDE1	PS/2 mouse interface 1	J7/Pins 5 & 6, 15 & 16
IDE interface 2	IDE2	IR connector	J7/Pins 7 - 9 & 17 - 18
CPU fan power	J2	USB interface 2	J7/Pins 10-13
Power LED & keylock	J3/Pins 1 - 5	32-bit PCI slots	PC1 - PC4
Turbo LED	J3/Pins 7 & 18	PS/2 mouse interface 1	PS2
IDE interface LED	J3/Pins 8 & 19	Parallel port	PRN
Reset switch	J3/Pins 9 & 20	VGA connector	VGA

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
	Internal VGA selector disabled	JP3	Pins 1 & 2 closed
	Internal VGA selector enabled	JP3	Pins 2 & 3 closed
	DIMM 5v voltage	JP4	Pins 1 & 3, 2 & 4 closed
	DIMM 3.3v voltage	JP4	Pins 3 & 5, 4 & 6 closed
	Special microphone type	JP9	Closed
	Normal microphone type	JP9	Open

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None

72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory.

CPU EXTERNAL SPEED SELECTION				
Speed	**JP5A**	**JP5B**	**JP5C**	**JP5D**
50MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
55MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
60MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
66MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
75MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
83MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU TYPE SELECTION		
Type	**JP8A**	**JP8B**
Single voltage	Pins 2 & 3 closed	Pins 2 & 3 closed
Dual voltage	Pins 1 & 2 closed	Pins 1 & 2 closed

Note: JP6 must be set to 3.5V position for single voltage CPU.

CPU MULTIPLIER SELECTION			
Multiplier	**JP7A**	**JP7B**	**JP7C**

1.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
2x	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
2.5x	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
3x	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
3.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
4x	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
4.5x	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
5x	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
5.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION				
Voltage	JP6/Pins 1 & 2	JP6/Pins 3 & 4	JP6/Pins 5 & 6	JP6/Pins 7 & 8	JP6/ Pins 9 & 10
2.2	Open	Open	Open	Open	Open
2.8	Closed	Open	Open	Open	Open
2.9	Open	Closed	Open	Open	Open
3.2	Open	Open	Closed	Open	Open
3.3	Open	Open	Open	Closed	Open
3.5	Open	Open	Open	Open	Closed