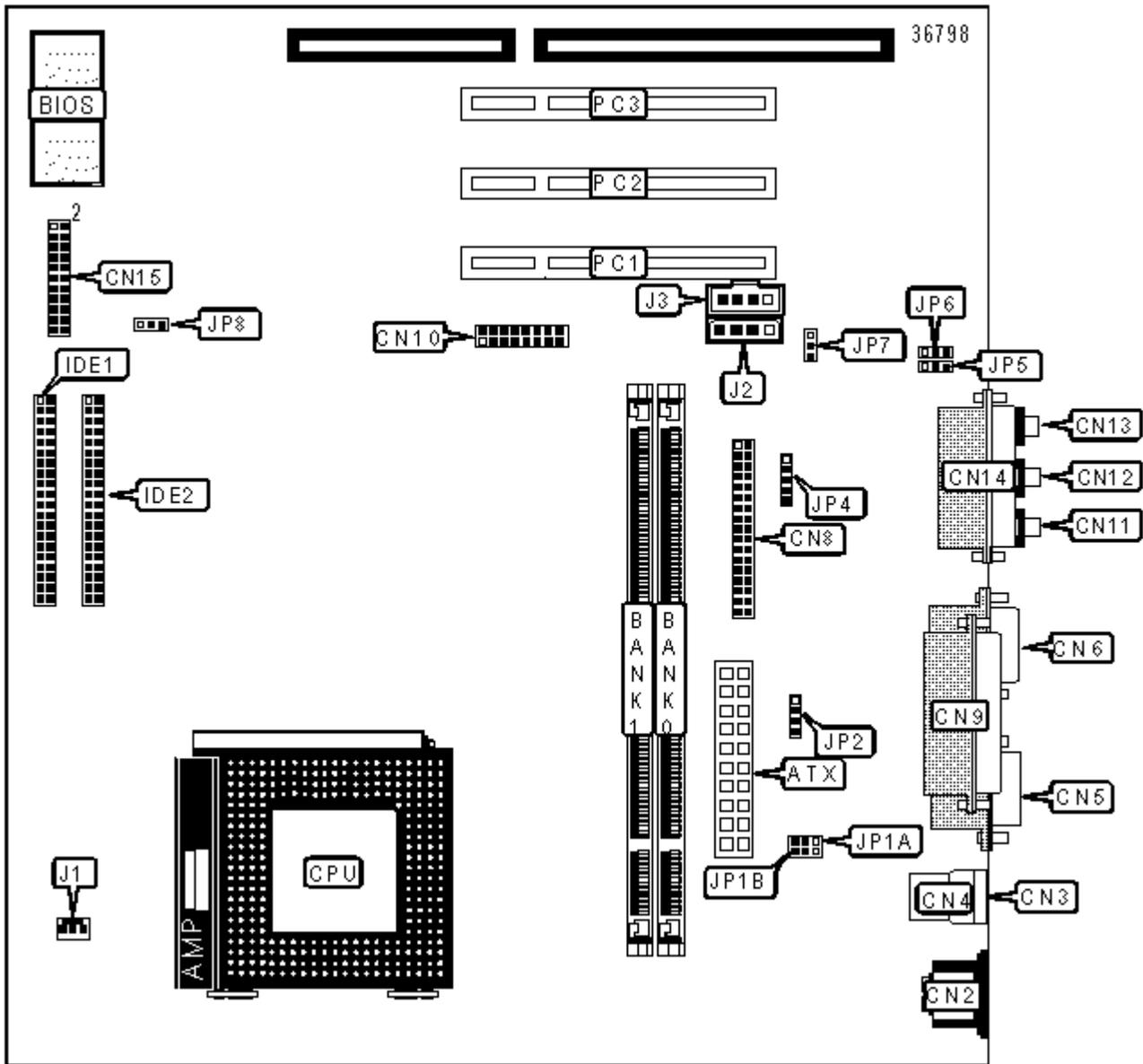


PC CHIPS MANUFACTURING, LTD.

M596 (VER. 1.3)

Device Type	Mainboard
Processor	CX 6X86L//CX 686MX/CX M2/IBM 6X86L/IBM 6X86MX/AM K6/AM K6-2/IDT C6/Pentium/Pentium MMX
Processor Speed	75/80/90/100/120/133/150/166/180/200/233/266/275/300/325/333/350MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Audio Chip Set	Sound Pro
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Maximum Video Memory	4MB
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	AMI
Dimensions	244mm x 190mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA connector, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2)



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Turbo LED	CN15/Pins 13 & 14
PS/2 mouse port	CN2	IDE interface LED	CN15/Pins 15 & 16
USB port 1	CN3	Reset switch	CN15/Pins 19 & 20
USB port 2	CN4	Power switch	CN15/Pins 21 & 22
Serial port 1	CN5	IDE interface 1	IDE1
Serial port 2	CN6	IDE interface 2	IDE2
Floppy drive interface	CN7	CPU fan power	J1

Parallel port	CN9	Audio in - CD-ROM (Panasonic)	J2
VGA connector	CN10	Audio in - CD-ROM (Sony)	J3
Line in	CN11	Unidentified	JP2
Microphone in	CN12	IR connector	JP4
Line out	CN13	Digital audio out	JP5
Game port	CN14	Digital audio in - CD-ROM	JP6
Power LED & keylock	CN15/Pins 2, 4, 6, 8 & 10	32-bit PCI slots	PC1 - PC3
Speaker	CN15/Pins 1, 3, 5 & 7		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Onboard sound selector enabled	JP7	Pins 2 & 3 closed
	Onboard sound selector disabled	JP7	Pins 1 & 2 closed
»	CMOS memory normal operation	JP8	Pins 1 & 2 closed
	CMOS memory clear	JP8	Pins 2 & 3 closed

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
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.

CPU VOLTAGE SELECTION

Voltage	JP1A	JP1B
3.3v	Pins 1 & 2 closed	Pins 1 & 2 closed
5.0v	Pins 2 & 3 closed	Pins 2 & 3 closed