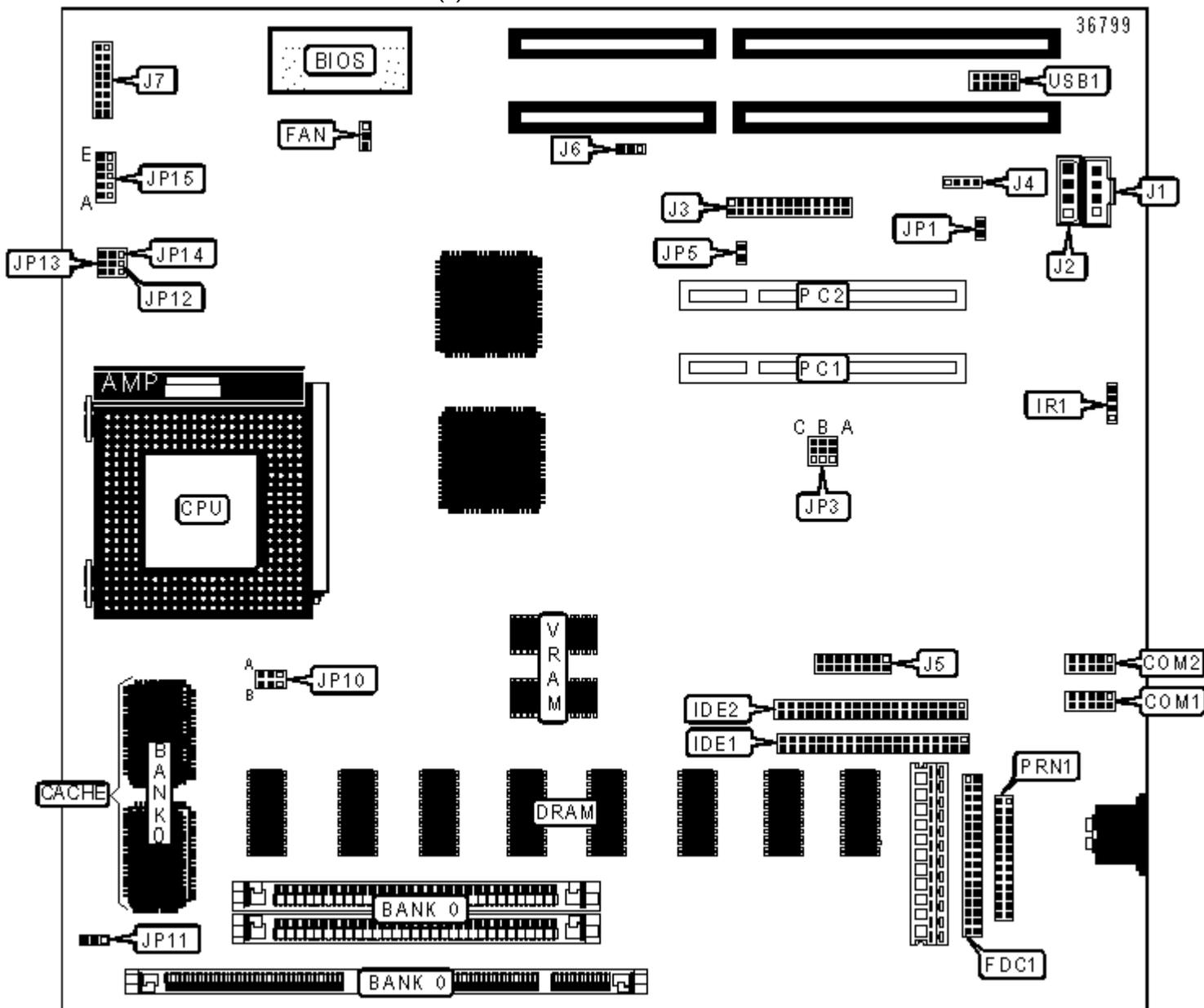


PC WARE INTERNATIONAL, INC

MB-592

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 686MX/CX M2/IBM 6X86/IBM 6X86L/IBM 6X86MX/AM K5/AM K6/IDT C6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200/233/266/275/300MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Audio Chip Set	Sound Pro
Maximum Onboard Memory	144MB (EDO & SDRAM supported)
Maximum Video Memory	2MB
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	AMI
Dimensions	Unidentified
I/O Options	32-bit PCI slots (2), floppy drive interface, game interface, IDE interfaces (2), parallel port, serial interfaces (2), IR connector, USB interface, audio in - CD-ROMs (2)



CONNECTIONS

Purpose	Location	Purpose	Location
Serial interface 1	COM1	Digital audio in - CD-ROM	J4/Pins 1 & 2
Serial interface 2	COM2	Digital audio out	J4/Pins 3 & 4
CPU fan power	Fan	Power LED & Keylock	J7/Pins 1, 3, 5, 7 & 9
Floppy drive interface	FDC1	Speaker	J7/Pins 2, 4, 6 & 8
Audio in - CD-ROM (Sony)	J1	IDE interface LED	J7/Pins 13 & 14
Audio in - CD-ROM (Panasonic)	J2	Reset switch	J7/Pins 15 & 16
Game & sound interface	J3	Parallel port	PRN1
IR connector	IR1	32-bit PCI slots	PC1 - PC2
IDE interface 1	IDE1	USB interface	USB1
IDE interface 2	IDE2		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J6	Pins 1 & 2 closed
	CMOS memory clear	J6	Pins 2 & 3 closed
	Sound Pro selector enabled	JP1	Open
	Sound Pro selector disabled	JP1	Closed
	Special Microphone type	JP5	Closed
	Normal Microphone type	JP5	Open
	DIMM 5V selector	JP11	Pins 1 & 2 closed
	DIMM 3V selector	JP11	Pins 2 & 3 closed

SIMM CONFIGURATION

Size	Bank 0
16MB	(2) 1M x 36
32MB	(2) 2M x 36

64MB	(2) 4M x 36
128MB	(2) 8M x 36
Note: Board accepts EDO memory.	

DIMM CONFIGURATION	
Size	Bank 0
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
128MB	(1) 16M x 64
Note: Board supports EDO memory.	

CPU TYPE SELECTION		
Type	JP10A	JP10B
Single voltage	Pins 1 & 2 closed	Pins 1 & 2 closed
Dual voltage	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU MULTIPLIER SELECTION			
Multiplier	JP12	JP13	JP14
1.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
2.5x	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3x	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
3.5x	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

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 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
5.5x	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU FREQUENCY SELECTION			
Frequency	JP3A	JP3B	JP3C
50MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
55MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
60MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
66MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
75MHz	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

CPU CORE VOLTAGE SELECTION					
Voltage	JP15A	JP15B	JP15C	JP15D	JP15E
2.2V	Open	Open	Open	Open	Open
2.8V	Open	Open	Open	Open	Closed
2.9V	Open	Open	Open	Closed	Open
3.2V	Open	Open	Closed	Open	Open
3.3V	Open	Closed	Open	Open	Open
3.5V	Closed	Open	Open	Open	Open

MISCELLANEOUS TECHNICAL NOTE
Board has 16MB EDO RAM installed. SIMM or DIMM can be filled up to 128MB to create a total of 144MB EDO RAM.