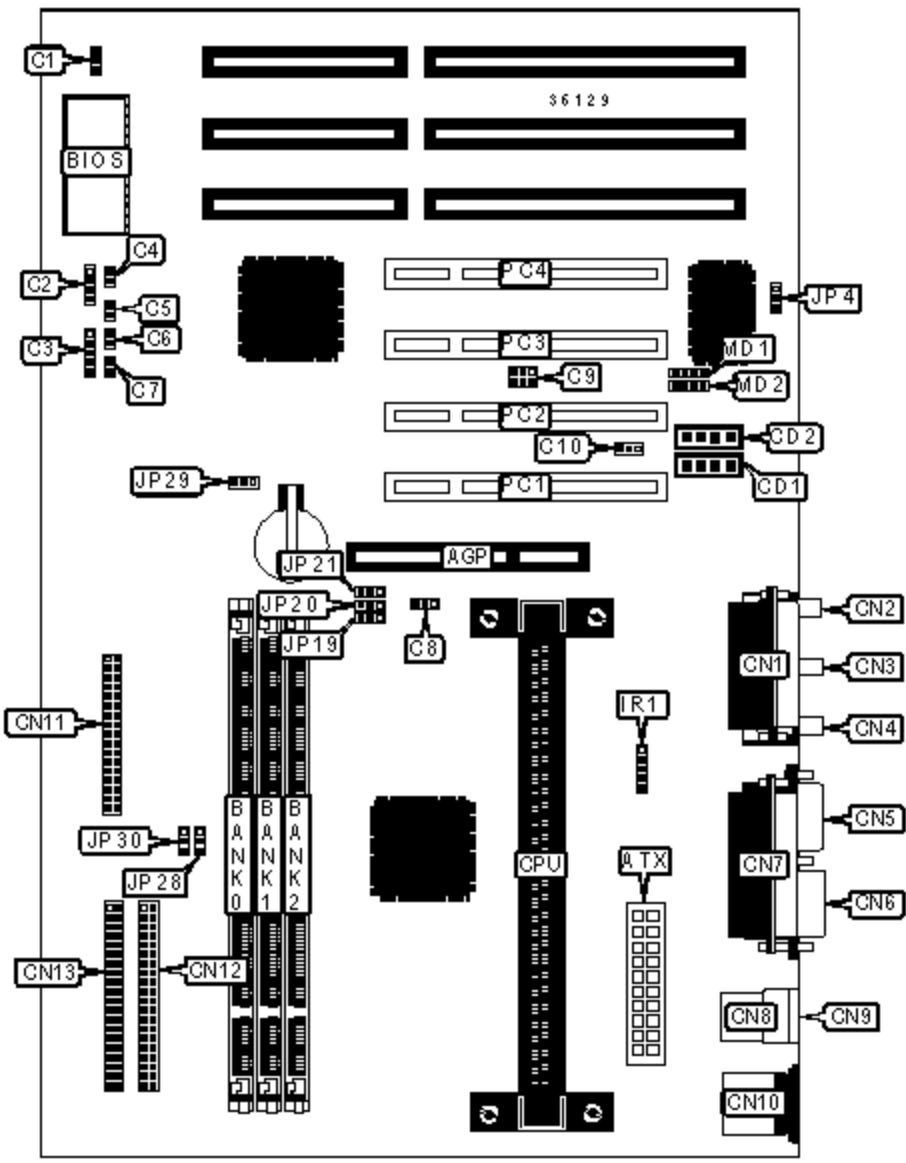


FREE COMPUTER TECHNOLOGY, INC.

P6F99

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/400/450/500MHz
Chip Set	SIS 5595
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Audio Chip Set	Creative
Cache	0/128/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 190mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROMs (2), SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Line in	CN3
ATX	ATX	Line out	CN4
Microphone in	CN5	Audio in	CN6
CD-ROM 1	CD1	CD-ROM 2	CD2
IDE Drive 1	MD1	IDE Drive 2	MD2
Parallel Port	JP4	Game/MIDI Port	JP29
PS/2 Mouse	JP20	PS/2 Keyboard	JP28
Serial Port 1	CN1	Serial Port 2	CN2
USB 1	CN3	USB 2	CN4
SB-link	CN7	Wake on LAN	CN8
ATX Power	ATX	IR Connector	IR1

AIX power connector	AIX	Line out	CN4
Chassis fan power	C1	Serial port 2	CN5
Speaker	C2	Serial port 1	CN6
Power LED & keylock	C3	Parallel port	CN7
IDE interface LED	C4	USB connector 1	CN8
Green PC LED	C5	USB connector 2	CN9
Reset switch	C6	PS/2 mouse port	CN10
Soft off power supply	C7	Floppy drive interface	CN11
Chassis fan power	C8	IDE interface 2	CN12
SB-link connector	C9	IDE interface 1	CN13
Wake on LAN connector	C10	IR connector	IR
Audio in - CD-ROM	CD1	Modem connector	MD1
Audio in - CD-ROM	CD2	Modem connector	MD2
Game/MIDI port	CN1	32-bit PCI slots	PC1 - PC4
Microphone in	CN2		

USER CONFIGURABLE SETTINGS

Function		Label	Position
<input type="checkbox"/>	On board sound disabled	JP4	Pins 2 & 3 closed
<input type="checkbox"/>	On board sound enabled	JP4	Pins 1 & 2 closed
»	CMOS memory normal operation	JP29	Pins 2 & 3 closed
<input type="checkbox"/>	CMOS memory clear	JP29	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None

16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None

136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts EDO & SDRAM memory.

DIMM TYPE CONFIGURATION

Size		JP28	JP30
»	16M bit, 64M bit	Pins 2 & 3 closed	Pins 2 & 3 closed
	128M bit	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP19	JP20	JP21
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	1 & 2
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2
350MHz	100MHz	3.5x	2 & 3	2 & 3	2 & 3
400MHz	100MHz	4x	2 & 3	2 & 3	2 & 3
450MHz	100MHz	4.5x	2 & 3	2 & 3	2 & 3
500MHz	100MHz	5x	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.