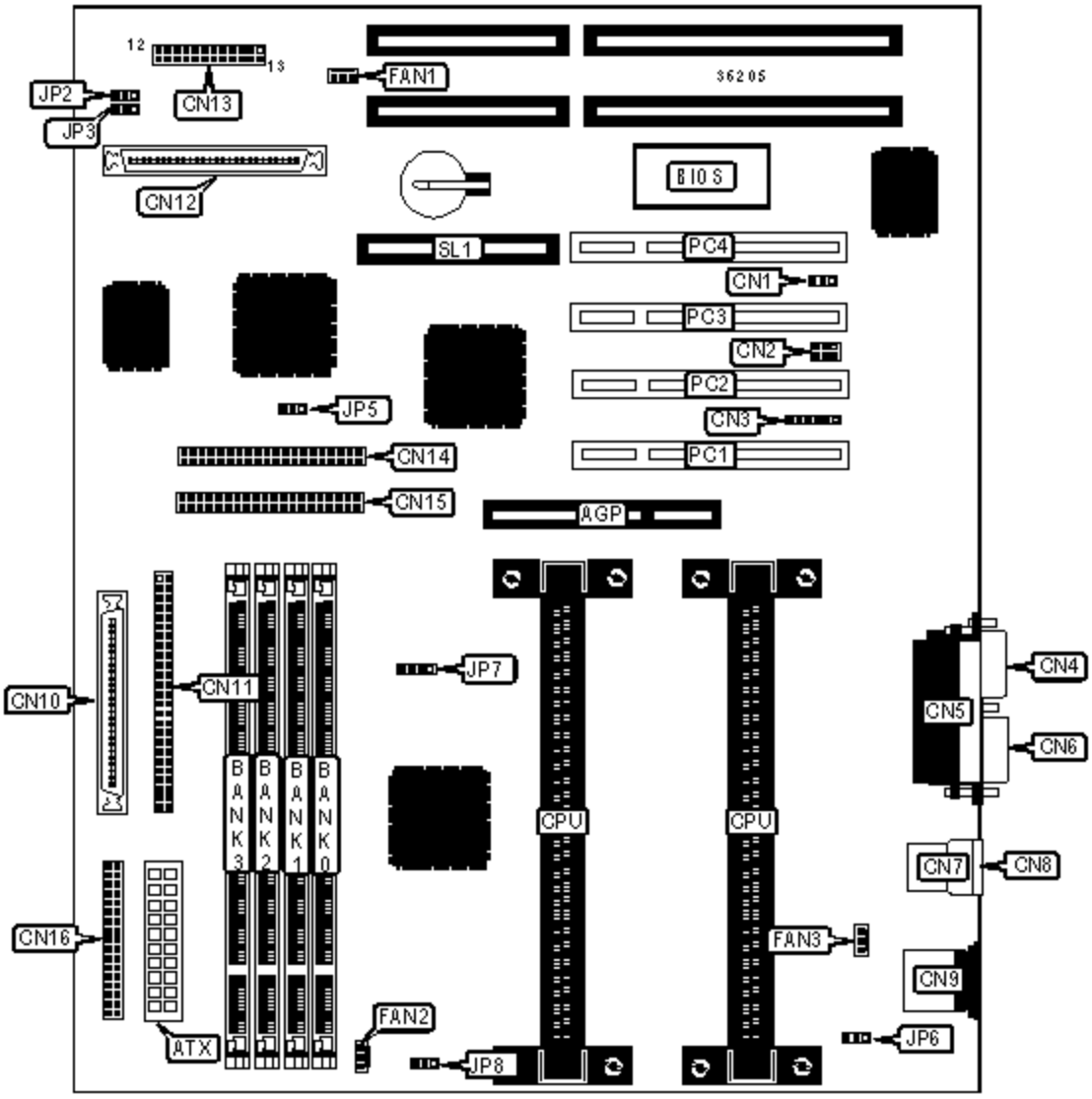
CHAINTECH COMPUTER CORPORATION

CT-6BDU

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/350/400/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 250mm
I/O Options	32-bit PCI slots (4), AGP slot, floppy drive interface, IDE interfaces (2), SCSI interfaces (3), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, RAID slot



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Green LED	CN13/pins 6 & 7
ATX power connector	ATX	Reset switch	CN13/pins 9 & 10

Wake on LAN connector	CN1	IDE interface LED	CN13/pins 11 & 12
SB-Link header	CN2	Power LED	CN13/pins 13 - 15
IR connector	CN3	Key lock	CN13/pins 16 & 17
Serial port 2	CN4	Speaker	CN13/pins 19 - 22
Parallel port	CN5	Soft off power supply	CN13/pins 23 & 24
Serial port 1	CN6	IDE interface 1	CN14
USB connector 1	CN7	IDE interface 2	CN15
USB connector 2	CN8	Floppy drive interface	CN16
PS/2 mouse port	CN9	System fan power	FAN1
SCSI-2 interface	CN10	CPU 1 chassis fan power	FAN2
SCSI-2 interface	CN11	CPU 2 chassis fan power	FAN3
SCSI-Ultra 2 interface	CN12	Chassis intrusion connector	JP8
Turbo LED	CN13/pins 1 & 2	32-bit PCI slots	PC1 - PC4
Green PC connector	CN13/pins 4 & 5	RAID slot	SL1

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Power failure recovery disabled	JP3	Pins 1 & 2 closed
	Power failure recovery enabled	JP3	Pins 2 & 3 closed
»	On-board SCSI enabled	JP5	Pins 1 & 2 closed
	On-board SCSI disabled	JP5	Pins 2 & 3 closed
	Power-on keyboard disabled	JP6	Pins 1 & 2 closed
	Power-on keyboard enabled	JP6	Pins 2 & 3 closed

CLOCK SPEED SELECTION		
Setting		JP7
»	External clock frequency determined by CPU	Pins 1 & 2 closed
	External clock frequency set to 66MHz	Pins 2 & 3 closed
	External clock frequency set to 100MHz	Pins 3 & 4 closed

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None

96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.