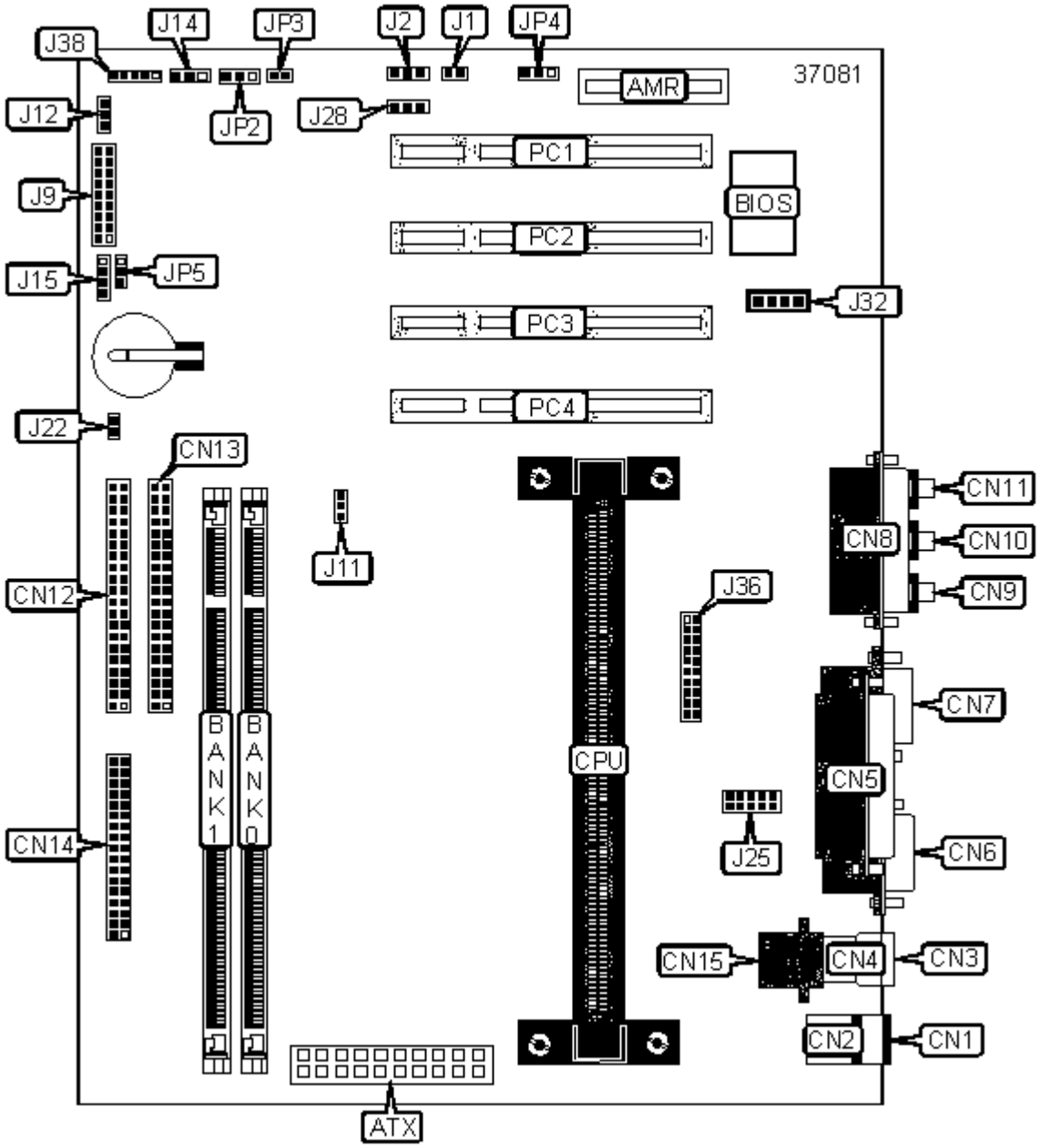
TYAN COMPUTER CORPORATION

S2056

Device Type	Mainboard
Processor	Celeron/Pentium II/Pentium III
Processor Speed	300/333/350/366/400/433/450/466/500/533/550/600MHz
Chip Set	Intel 810
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM supported)
Maximum Video Memory	4MB
Maximum Audio Memory	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	AMI
Dimensions	244mm x 188mm
I/O Options	32-bit PCI slots (4), ATX power connector, audio in - CD ROM, audio/modem riser slot, Ethernet connector, floppy drive interface, game/MIDI port, IDE interfaces (2), IR connector, LCD monitor interface, line in, line out, microphone in, parallel port, PS/2 keyboard port, PS/2 mouse port, serial interface, serial port, USB interface, USB ports (2), VGA port, Wake-on-LAN connector, Wake-on-modem connector



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Audio/modem riser slot	AMR	Power LED	J9/Pins 2 & 4
ATX power connector	ATX	Reset switch	J9/Pins 5 & 7
PS/2 keyboard port	CN1	Power switch	J9/Pins 6 & 8
PS/2 mouse port	CN2	IR connector	J9/Pins 9, 11, 13 & 15
USB port 1	CN3	Unidentified	J9/Pins 10 & 12
USB port 2	CN4	Unidentified	J9/Pins 14 & 16
Parallel port	CN5	Reserved	J9/Pin 17

Serial port 1	CN6	Reserved	J9/Pin 18
VGA port	CN7	CPU fan power	J11
Game/MIDI port	CN8	System fan power	J12
Line out	CN9	ACPI power LED connector	J14
Line in	CN10	Speaker	J15
Microphone in	CN11	SCSI LED connector	J22
IDE interface 1	CN12	Serial interface	J25
IDE interface 2	CN13	Wake-on-modem	J28
Floppy drive interface	CN14	Audio in - CD ROM	J32
RJ-45 UTP connector	CN15	LCD monitor interface	J36
Chassis intrusion connector	J1	USB interface	J38
Wake-on-LAN connector	J2	32-bit PCI slots	PC1 - PC4
IDE interface LED	J9/Pins 1 & 3		
Note: USB port 1 and USB interface (J38) share the same channel so therefore can not be used simultaneously.			

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed
»	Boot block locked	JP3	Open
	Boot block unlocked	JP3	Closed
»	Onboard sound enabled	JP4	Pins 1 & 2 closed
	Onboard sound disabled	JP4	Pins 2 & 3 closed
»	Factory configured - do not alter	JP5	Unidentified

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 SDRAM memory. PC-100 modules are required. Board will not accept registered DIMMs.		

CACHE CONFIGURATION
Note: 128KB cache is located on Celeron 300A and greater CPUs. 256/512KB cache is located on the Pentium II

and Pentium III CPUs.