ACER, INC

ACERALTOS 300W (M3B)

Device Type	Mainboard
Processor	Pentium/Pentium MMX
Processor Speed	133/150/166/200/233MHz
Chip Set	Unidentified
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	512KB
BIOS	Acer
Dimensions	Unidentified
I/O Options	32-bit PCI slots (3), IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), USB ports (2), Wake-on-LAN connector, SCSI daughter card interface

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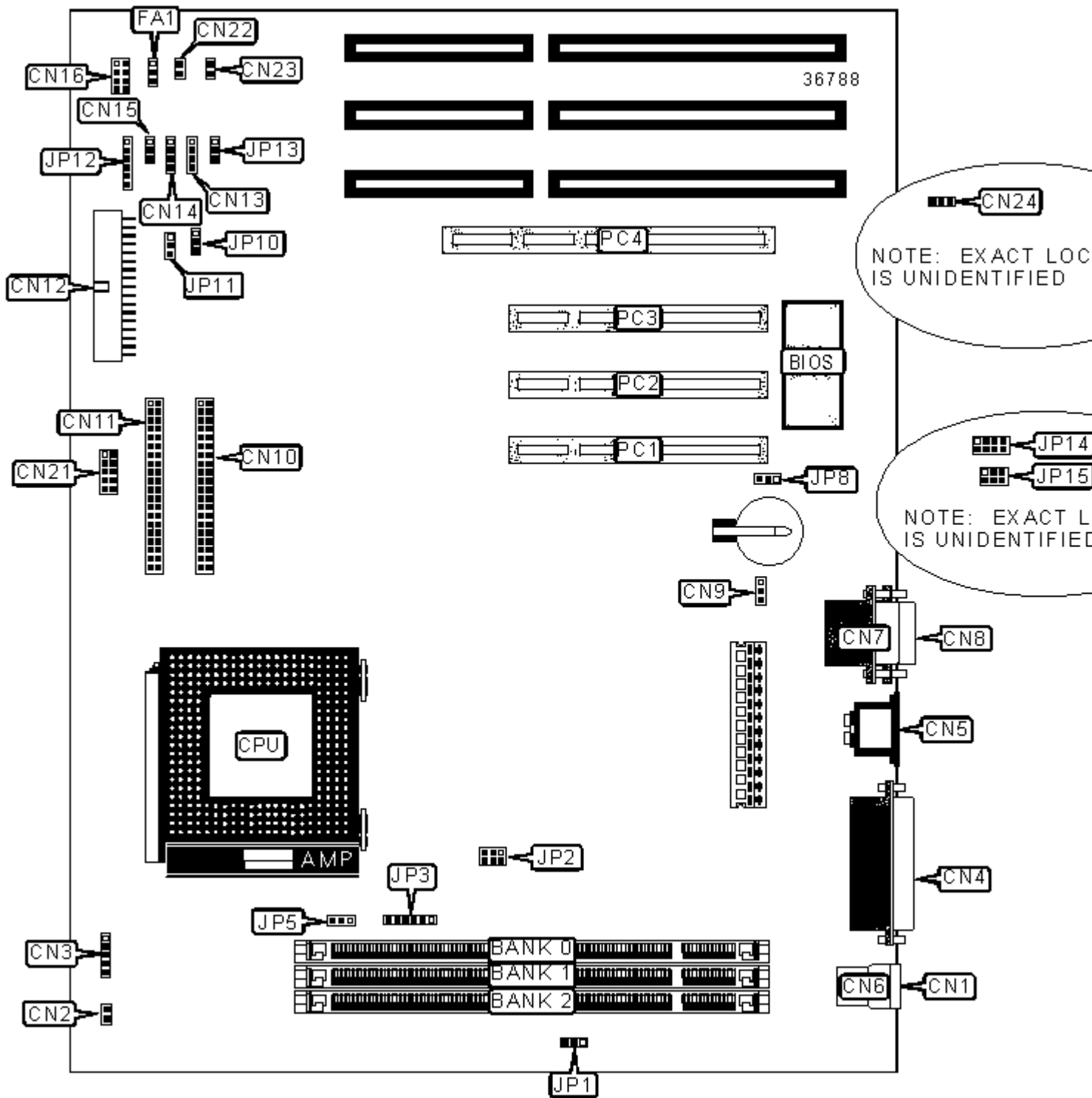
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
USB port 1	CN1	Speaker	CN13
Fan power	CN2	IDE interface LED	CN14
Fan power	CN3	System busy LED	CN15
Parallel port	CN4	Reset switch & keylock	CN16

PS/2 mouse port	CN5	Reserved	CN21
USB port 2	CN6	Chassis connector	CN22
Serial port 1	CN7	Power switch	CN23
Serial port 2	CN8	Wake-on-LAN connector	CN24
5v suspend connector	CN9	System fan power	FA1
IDE interface 1	CN10	32-bit PCI slots	PC1 - PC3
IDE interface 2	CN11	SCSI daughter card interface	PC4
Floppy drive interface	CN12		
Note: Location of CN24 is unidentified.			

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
	Hardware monitoring enabled	JP1	Pins 1 & 2 closed
	hardware monitoring disabled	JP1	Pins 2 & 3 closed
»	Factory configured - do not alter	JP5	Unidentified
	Boot block locked	JP8	Pins 1 & 2 closed
	Boot block unlocked	JP8	Pins 2 & 3 closed
	Password enabled	JP10	Pins 1 & 2 closed
	Password disabled	JP10	Pins 2 & 3 closed
	BIOS Logo Acer	JP11	Pins 1 & 2 closed
	BIOS Logo OEM	JP11	Pins 2 & 3 closed
»	Factory configured - do not alter	JP12	Unidentified
	Beep message from internal buzzer	JP13	Pins 1 & 2 closed
	Beep message from speaker	JP13	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
16MB	(1) 2M x 64	None	None

32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
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) 8M x 64	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
160MB	(1) 16M x 64*	(1) 2M x 64	(1) 2M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
192MB	(1) 16M x 64*	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64*	(1) 16M x 64*	None
256MB	(1) 16M x 64*	(1) 8M x 64	(1) 8M x 64

Note: Board accepts EDO & SDRAM memory.
*Note: Unbuffered EDO memory only.

CACHE CONFIGURATION

Note: Location and configuration of cache is unavailable.

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JP2	JP3
133MHz	66MHz	2x	Pins 1 & 2, 4 & 5 closed	Pins 2 & 3, 5 & 6 closed

150MHz	60MHz	2.5x	Pins 2 & 3, 5 & 6 closed	Pins 1 & 2, 5 & 6 closed
166MHz	66MHz	2.5x	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2, 5 & 6 closed
200MHz	66MHz	3x	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2, 4 & 5 closed

CPU SPEED SELECTION (PENTIUM MMX)				
CPU speed	**Clock speed**	**Multiplier**	**JP2**	**JP3**
166MHz	66MHz	2.5x	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2, 5 & 6 closed
200MHz	66MHz	3x	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2, 4 & 5 closed
233MHz	66MHz	3.5x	Pins 1 & 2, 4 & 5 closed	Pins 2 & 3, 4 & 5 closed

CPU TYPE SELECTION (FOR VOLTAGE SETTING)				
Type	**JP14/Pins 1 & 2**	**JP14/Pins 3 & 4**	**JP14/Pins 5 & 6**	**JP14/Pins 7 & 8**
Pentium	Closed	Closed	Closed	Closed
Pentium MMX	Open	Open	Open	Closed
Note: Location of JP14 is unidentified.				

CPU TYPE SELECTION (FOR H/W MONITOR)	
Type	**JP15**
Reserved	Pins 1 & 2 closed
Reserved	Pins 3 & 4 closed
Pentium/ Pentium MMX	Pins 5 & 6 closed
Note: Location of JP15 is unidentified.	