ACER, INC.

ASPIRE 5000D, ASPIRE 5000T

Device Type	Mainboard
Processor	IBM 6x86MX/AM K6/Pentium/Pentium MMX
Processor Speed	166/200/233/266/300MHz
Chip Set	Intel 440LX
Video Chip Set	ATI
Maximum Onboard Memory	256MB (SDRAM supported)
Maximum Video Memory	2MB
Cache	512KB
BIOS	Acer
Dimensions	Unidentified
I/O Options	floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial interface, serial port, VGA port, riser slot, USB ports (2), audio in - CD-ROM, ATI AMC connector, Wake-on-LAN connector, Wake-on-ring connector, Standy-by connector

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**

Audio in - CD ROM	CDIN1	PS/2 mouse port	CN19
ATI AMC connector	CN1	Floppy drive interface	CN20
Reserved	CN2	IDE interface 1	CN21
Reserved	CN3	PS/2 keyboard connector	CN22
VGA port	CN4	IDE interface 2	CN23
Fan power	CN5	Reserved	CN24
USB port 2	CN6	Reserved	CN25
Reserved	CN7	Reserved	CN27
Reset switch	CN9	Stand-by connector	CN28
Parallel port	CN10	Fan power	JP3
USB port 1	CN11	IDE interface LED	JP8/Pins 1 & 3
Serial interface	CN12	Power message LED	JP8/Pins 2, 4, 6
Reserved	CN13	Power switch	JP8/Pins 7 & 8
Wake-on-LAN connector	CN14	Power switch	JP9
Voltage select connector	CN15	Power LED	JP10/Pins 2 & 4
Wake-on-ring connector	CN16	IDE interface message LED	JP10/Pins 1, 3, 5
Reserved	CN17	Reserved	JP17
Serial port	CN18	Riser slot	SL1

Note: The location of Pin 1 on JP10 is unidentified.

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» IRQ enabled	JP4	Pins 2 & 3 closed
IRQ disabled	JP4	Pins 1 & 2 closed
» On-board video enabled	JP7	Pins 2 & 3 closed
On-board video disabled	JP7	Pins 1 & 2 closed
» Flash BIOS voltage select 5v	JP11	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP11	Pins 1 & 2 closed

»	Support for SMM switch	JP12	Pins 1 & 2 closed
	Support for reset switch	JP12	Pins 2 & 3 closed
»	Boot block enabled	JP13	Pins 2 & 3 closed
	Boot block disabled	JP13	Pins 1 & 2 closed
»	Wake-on-LAN disabled	JP15	Pins 2 & 3 closed
	Wake-on-LAN enabled	JP15	Pins 1 & 2 closed
»	UPS present	JP16	Pins 1 & 2 closed
	UPS not present	JP16	Pins 2 & 3 closed
»	Factory configured - do not alter	JP21	Pins1 & 2 closed
»	Password disabled	JP22	Pins 2 & 3 closed
	Password enabled	JP22	Pins 1 & 2 closed
»	Factory configured - do not alter	SW1/6	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

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Note: Cache location and configuration is unavailable.

CPU SPEED SELECTION (IBM 6x86MX)

CPU speed	JP1	JP2	JP14	SW1/4	SW1/5
166MHz	2 & 3	Open	Closed	On	On
200MHz	2 & 3	Open	Closed	Off	On
233MHz	2 & 3	Open	Closed	Off	Off

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	JP1	JP2	JP14	SW1/4	SW1/5
166MHz	2 & 3	Open	Closed	On	On
200MHz	2 & 3	Open	Closed	Off	On
233MHz	2 & 3	Open	Closed	Off	Off
266 MHz	1 & 2	Open	Closed	On	Off
300MHz	1 & 2	Open	Closed	On	On

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)					
CPU speed	JP1	JP2	JP14	SW1/4	SW1/5
166MHz	2 & 3	Open	Closed	On	On
200MHz	2 & 3	Open	Closed	Off	On
233MHz	2 & 3	Open	Closed	Off	Off
Note: Pins designated should be in the closed position.					

EXTERNAL CLOCK SPEED SELECTION					
Clock Speed	JP18	JP19	JP20	SW1/1	SW1/2	SW1/3
60MHz	2 & 3	1 & 2	1 & 2	On	Off	Off
66MHz	1 & 2	1 & 2	1 & 2	Off	Off	Off
75MHz	1 & 2	2 & 3	2 & 3	Off	On	On
83.3MHz	2 & 3	1 & 2	2 & 3	On	Off	On
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION (SINGLE)			
Voltage		JP5	JP6
»	3.3v	Pins 2 & 3 closed	Open
	3.52v	Pins 1 & 2 closed	Open

CPU VOLTAGE SELECTION (DUAL)			
Voltage		JP5	JP6
	1.8v	Open	Pins 9 & 10 closed
	2.1v	Open	Pins 7 & 8 closed
	2.8v	Open	Pins 5 & 6 closed
	2.9v	Open	Pins 3 & 4 closed
	3.2v	Open	Pins 1 & 2 closed