ACER, INC.

ACERALTOS 930 (M17A), M17A

Configuration
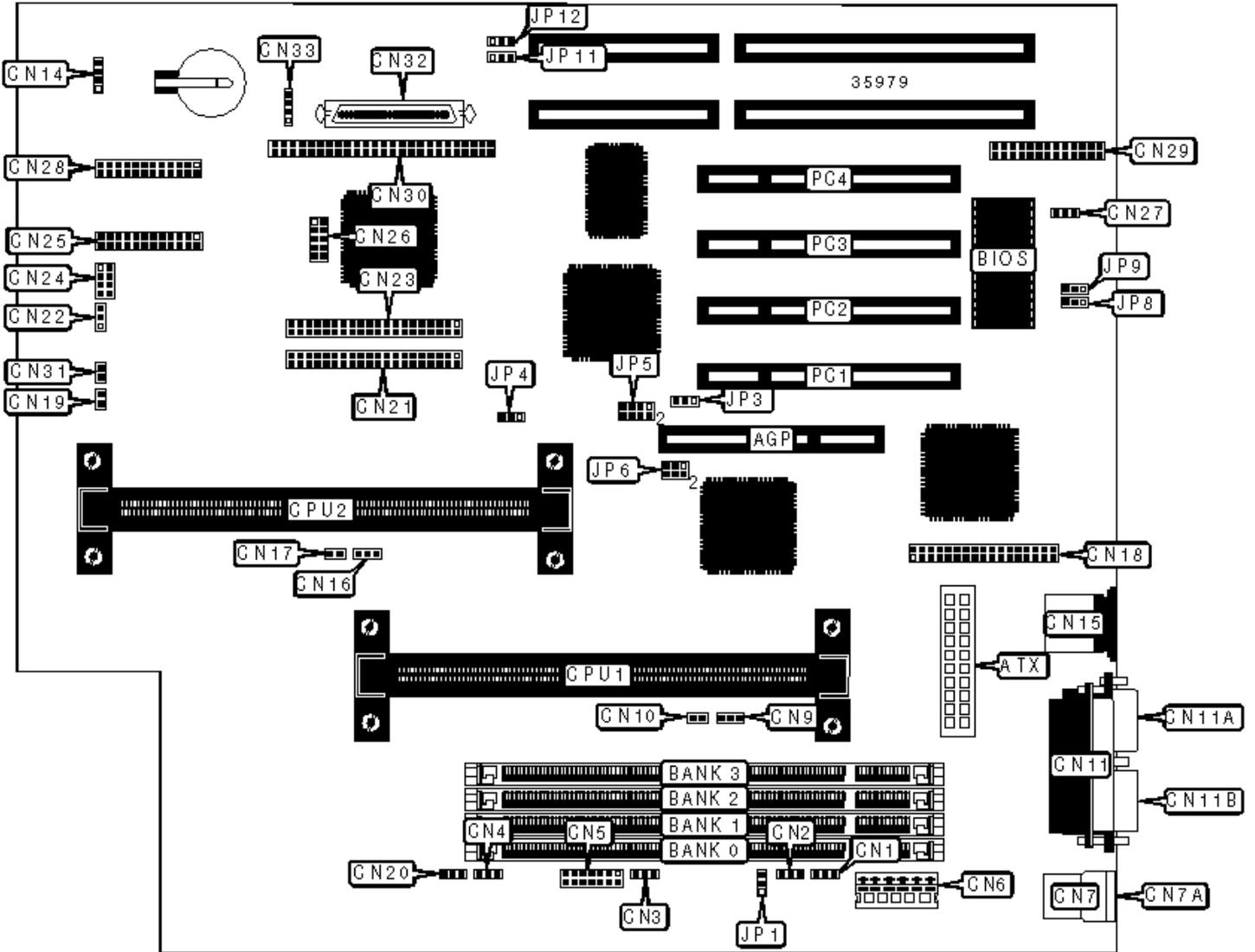
CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Floppy drive interface	CN18
ATX power connector	ATX	Soft off power supply	CN19
Power connector	CN1	Chassis fan power 1	CN20
Chassis fan power 3	CN3	IDE interface 1	CN21
Chassis fan power 2	CN4	Power LED	CN22
3.3v power	CN6	IDE interface 2	CN23
USB connector 1	CN7	Reset switch	CN24
USB connector 2	CN7A	RDM connector	CN25
CPU 1 fan power	CN9	Redundant power status connector	CN26
Thermal sensor connector 1	CN10	RDM connector	CN28
Parallel port	CN11	Feature connector	CN29
Serial port 1	CN11A	SCSI interface	CN30
Serial port 2	CN11B	Housing door connector	CN31
IDE interface LED	CN14	Ultra Wide SCSI interface	CN32
PS/2 mouse port	CN15	Speaker	CN33
CPU 2 fan power	CN16	32-bit PCI slots	PC1 - PC4
Thermal sensor connector 2	CN17		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	CN2	Unidentified
»	Factory configured - do not alter	CN5	Unidentified
»	Factory configured - do not alter	CN27	Unidentified
»	Power down for 250W power supply enabled	JP1	Pins 2 & 3 closed

	Power down for 250W power supply disabled	JP1	Pins 1 & 2 closed
»	BIOS type select Acer	JP8	Pins 1 & 2 closed
	BIOS type select OEM	JP8	Pins 2 & 3 closed
»	Password disabled	JP9	Pins 2 & 3 closed
	Password enabled	JP9	Pins 1 & 2 closed
»	Buzzer enabled	JP11	Pins 1 & 2 closed
	External speaker enabled	JP11	Pins 2 & 3 closed
»	Termination enabled	JP12	Pins 1 & 2 closed
	Termination switchable through SCSI select utility	JP12	Pins 2 & 3 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

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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
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 SDRAM memory.

CACHE CONFIGURATION

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

CPU SPEED SELECTION							
CPU speed	Clock speed	Multiplier	JP5/pins 1 & 2	JP5/pins 3 & 4	JP5/pins 5 & 6	JP5/pins 7 & 8	JP6
266MHz	66MHz	4x	Closed	Closed	Closed	Open	1 & 2, 4 & 5
300MHz	66MHz	4.5x	Closed	Open	Closed	Open	1 & 2, 4 & 5
333MHz	66MHz	5x	Closed	Closed	Open	Open	1 & 2, 4 & 5
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION		
Type	JP3	JP4
» CPU1 installed	Pins 1 & 2 closed	Pins 1 & 2 closed
CPU2 installed	Pins 2 & 3 closed	Pins 2 & 3 closed
Both slots installed	Pins 2 & 3 closed	Pins 1 & 2 closed