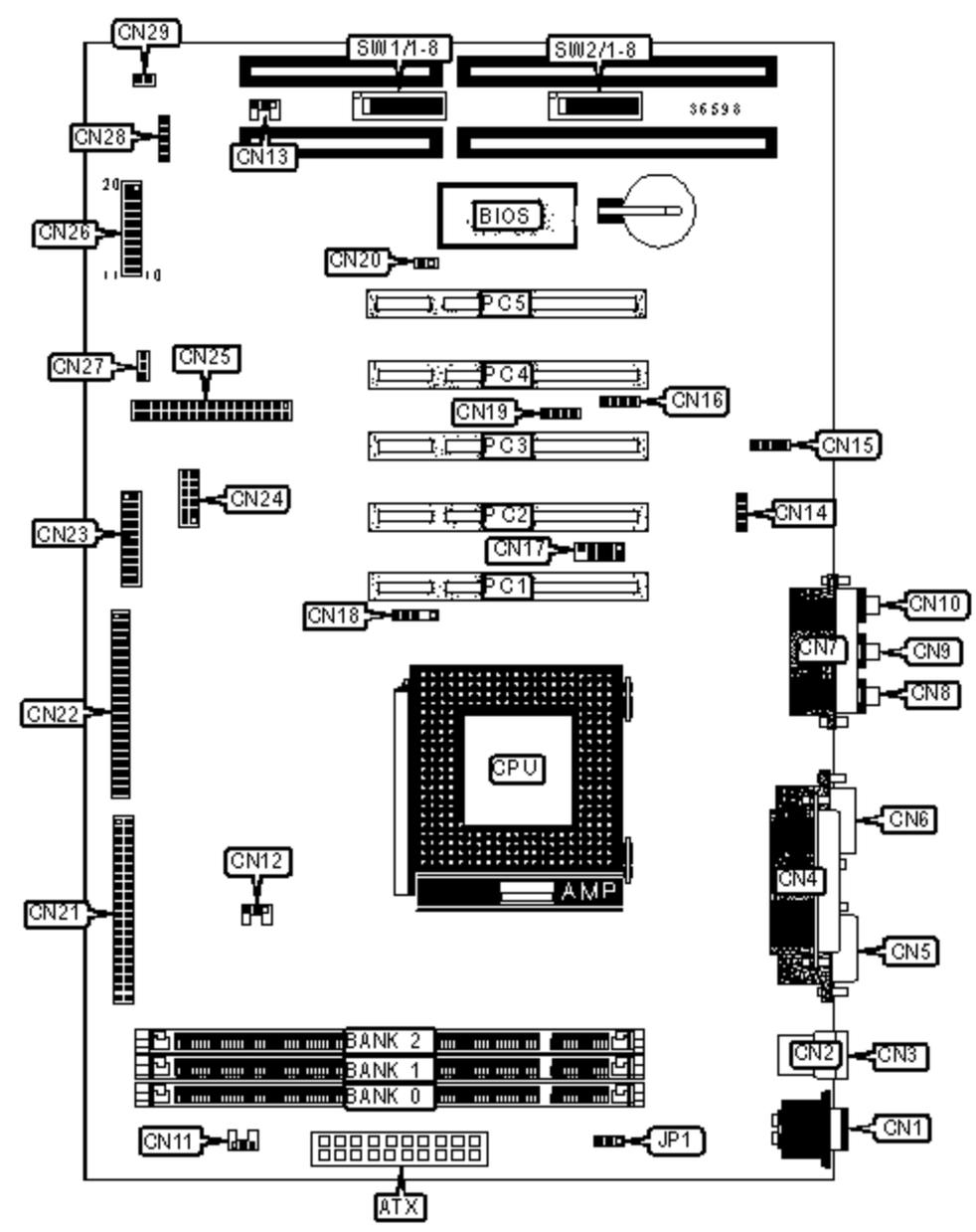


ASUS COMPUTER INTERNATIONAL

MES (REV. 1.02)

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466/500MHz
Chip Set	SIS 620
Video Chip Set	SIS
Audio Chip Set	ESS
Maximum Onboard Memory	768MB (SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	Unidentified
Cache	0/128KB (located on the Celeron CPU)
BIOS	Award
Dimensions	304mm x 182mm
I/O Options	32-bit PCI slots (5), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), audio in - Modem, Audio in - AUX, Wake on LAN, Wake on Ring, LCD connector, SMBus connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	SMBus connector	CN18
PS/2 mouse port	CN1	Audio in - CD-ROM 2	CN19
USB connector 1	CN2	Wake on ring connector	CN20
USB connector 2	CN3	IDE interface 1	CN21
Parallel port	CN4	IDE interface 2	CN22
Serial port 1	CN5	LCD interface	CN23
VGA port	CN6	TV out connector	CN24
Game/MIDI port	CN7	Floppy drive interface	CN25
Line out	CN8	Power LED & keylock	CN26/Pins 1-5
Line in	CN9	Speaker	CN26/Pins 7-10
Microphone in	CN10	Reset switch	CN26/Pins 11 & 12
Power fan	CN11	ATX power switch	CN26/Pins 14 & 15
CPU fan power	CN12	Green PC connector	CN26/Pins 16 & 17
Chassis fan power	CN13	Message LED	CN26/Pins 18 & 19
Audio in - Modem	CN14	Wake on LAN connector	CN27
Audio in - AUX	CN15	IR connector	CN28
Audio in - CD-ROM 1	CN16	IDE interface LED	CN29
Serial port 2 interface	CN17	32-bit PCI slots	PC1-PC5

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard power up disabled	JP1	Pins 1 & 2 Closed
	Keyboard power up enabled	JP1	Pins 2 & 3 Closed
	Asynchronous clock frequency	SW1/5	On
	Synchronous clock frequency	SW1/5	Off

»	CPU core voltage normal	SW1/8	Off
	CPU core voltage +0.1V	SW1/8	On
»	On board VGA enabled	SW2/5	Off
	On board VGA disabled	SW2/5	On
»	Display memory UMA	SW2/6	On
	Display memory non-UMA	SW2/6	Off
»	LCD disabled	SW2/7	Off
	LCD enabled	SW2/7	On
	On board audio disabled	SW2/8	Off
»	On board audio enabled	SW2/8	On

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64

96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron 300 & 333A CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
300MHz	66MHz	4.5x	On	On	On	On
333MHz	66MHz	5x	On	On	On	On

366MHz	66MHz	5.5x	On	On	On	On
400MHz	66MHz	6x	On	On	On	On
433MHz	66MHz	6.5x	On	On	On	On
466MHz	66MHz	7x	On	On	On	On
500MHz	66MHz	7.5x	On	On	On	On

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
300MHz	66MHz	4.5x	Off	On	On	Off
333MHz	66MHz	5x	Off	On	Off	On
366MHz	66MHz	5.5x	Off	On	Off	Off
400MHz	66MHz	6x	On	Off	On	On
433MHz	66MHz	6.5x	On	Off	On	Off
466MHz	66MHz	7x	On	Off	Off	On
500MHz	66MHz	7.5x	On	Off	Off	Off

I/O VOLTAGE SELECTION			
Setting		SW1/6	SW1/7
»	Normal	Off	Off
	+0.1V	On	Off
	+0.2V	On	On