ASUS COMPUTER INTERNATIONAL

MES-VM (REV. 1.02)

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433/466MHz
Chip Set	SIS 620
Video Chip Set	Unidentified
Maximum Onboard Memory	512MB (SDRAM & PC100 supported)
Maximum Video Memory	8MB
Audio Chip Set	Unidentified
Cache	128KB (located on the Celeron CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (3), 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), SB-link connector, wake on LAN connector
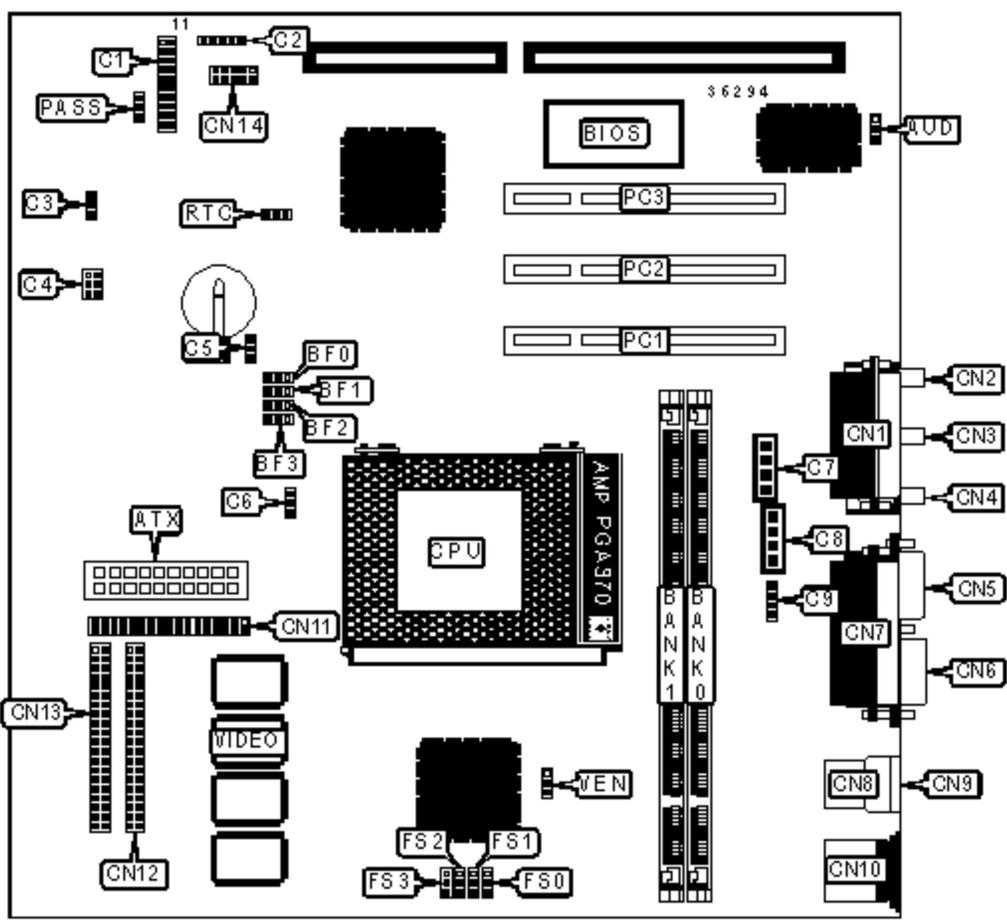
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Game/MIDI port	CN1
Turbo LED	C1/pins 2 & 3	Microphone in	CN2
Green PC connector	C1/pins 4 & 5	Line in	CN3
Soft off power supply	C1/pins 6 & 7	Line out	CN4

Reset switch	C1/pins 9 & 10	VGA port	CN5
Power LED & keylock	C1/pins 11 - 15	Serial port 1	CN6
Speaker	C1/pins 17 - 20	Parallel port	CN7
IR connector	C2	USB connector 1	CN8
Chassis fan power	C3	USB connector 2	CN9
SB-link connector	C4	PS/2 mouse port	CN10
Wake on LAN connector	C5	Floppy drive interface	CN11
CPU fan power	C6	IDE interface 2	CN12
Audio in - CD-ROM	C7	IDE interface 1	CN13
Audio in - CD-ROM	C8	Serial port 2	CN14
Modem connector	C9	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	On board sound enabled	AUD	Pins 1 & 2 closed
	On board sound disabled	AUD	Pins 2 & 3 closed
»	Factory configured - do not alter	PASS	Unidentified
»	Factory configured - do not alter	RTC	Unidentified
»	On board video enabled	VEN	Pins 1 & 2 closed
	On board video disabled	VEN	Pins 2 & 3 closed

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64

Size	Bank 0	Bank 1
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
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

DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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 accepts SDRAM & PC100 memory.		

CACHE CONFIGURATION

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

VIDEO MEMORY CONFIGURATION

Note: Video memory is factory installed and is not configurable.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	BF3
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	2 & 3
400MHz	66MHz	6x	2 & 3	2 & 3	2 & 3	1 & 2
433MHz	66MHz	6.5x	1 & 2	2 & 3	2 & 3	1 & 2
466MHz	66MHz	7x	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	FS0	FS1	FS2	FS3
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3	1 & 2
333MHz	66MHz	5x	2 & 3	2 & 3	2 & 3	1 & 2
366MHz	66MHz	5.5x	2 & 3	2 & 3	2 & 3	1 & 2
400MHz	66MHz	6x	2 & 3	2 & 3	2 & 3	1 & 2
433MHz	66MHz	6.5x	2 & 3	2 & 3	2 & 3	1 & 2
466MHz	66MHz	7x	2 & 3	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.