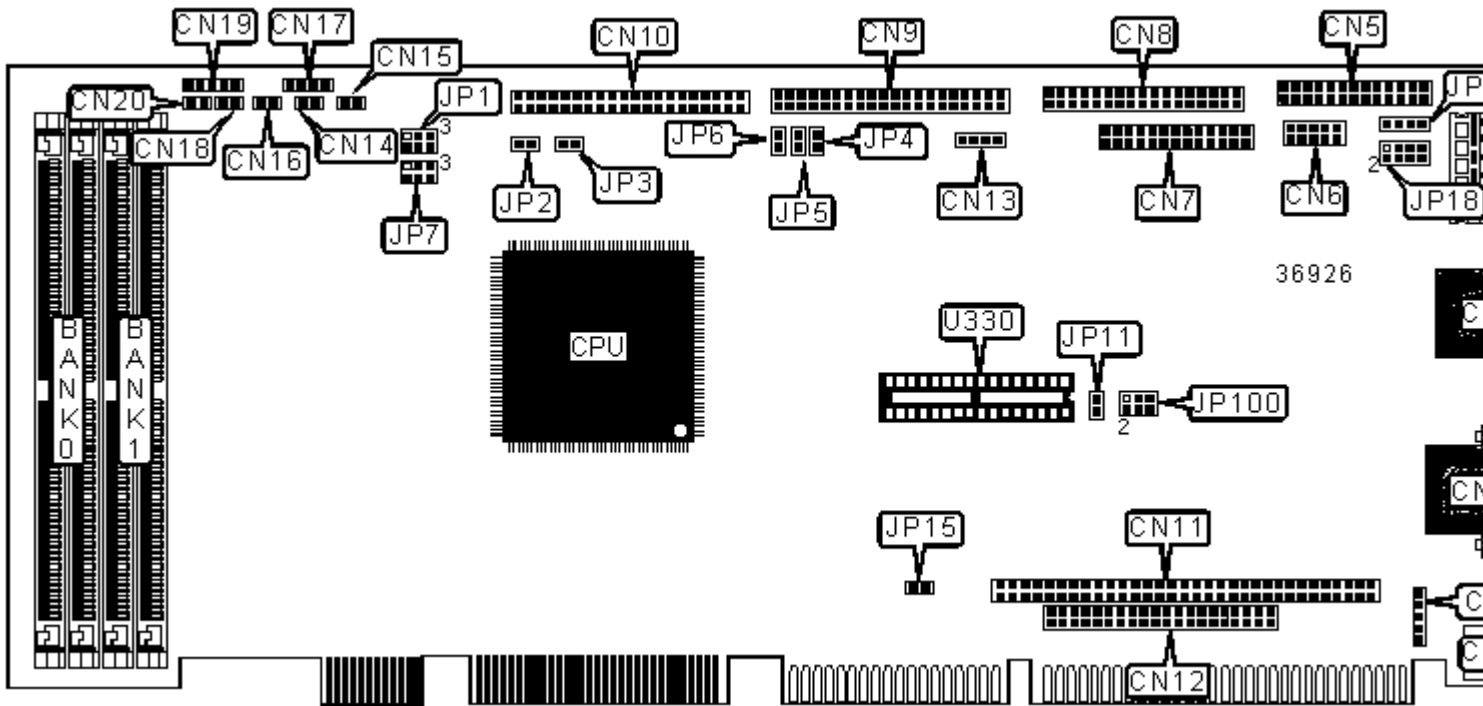


AAEON TECHNOLOGY, INC.

SBC-492

Device Type	Single board computer
Processor	AM K5
Processor Speed	133
Chip Set	ALI
Video Chip Set	Trident
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	2MB
Cache	128KB
BIOS	AMI
Dimensions	338mm x 122mm
I/O Options	Floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, keyboard interface, serial port, serial interface, feature connector, VGA port, IR connector, AT power connector, PC/104 connector (16-bit), DiskOnChip socket
Data Bus	32-bit PCI/16-bit ISA



CONNECTIONS

Purpose	Location	Purpose	Location
AT power connector	AT	CPU fan power	CN13
PS/2 mouse/keyboard port	CN1	Turbo switch	CN14
Keyboard connector	CN2	Turbo LED	CN15
VGA port	CN3	Green PC LED	CN16
Serial port	CN4	Speaker	CN17

Parallel port	CN5	Green PC connector	CN18
Serial interface	CN6	Power LED & keylock	CN19
Feature connector	CN7	Reset switch	CN20
Floppy drive interface	CN8	IDE interface LED	JP2
IDE interface 1	CN9	IDE interface LED	JP3
IDE interface 2	CN10	IR connector	JP17
PC/104 connector (8-bit)	CN11	DiskOnChip socket	U330
PC/104 connector (16-bit)	CN12		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Flash BIOS write protect enabled	JP11	Open
	Flash BIOS write protect disabled	JP11	Closed
»	CMOS memory normal operation	JP15	Open
	CMOS memory clear	JP15	Closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
4MB	(2) 512K x 36	None
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36

72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory.

ON-BOARD VIDEO SELECTION

Setting	JP4	JP5	JP6
Enabled	Closed	Closed	Closed
Disabled	Open	Open	Open

CPU VOLTAGE SELECTION

Voltage	JP1	JP7
3.3V	Pins 1 & 2, 4 & 5 closed	Pins 1 & 2 closed
3.45V	Pins 1 & 2, 4 & 5 closed	Pins 4 & 5 closed
3.6V	Pins 1 & 2, 4 & 5 closed	Pins 2 & 3 closed
4.0V	Pins 1 & 2, 4 & 5 closed	Pins 5 & 6 closed
5.0V	Pins 2 & 3, 5 & 6 closed	Open

DISKONCHIP ADDRESS SELECTION

Setting	JP100/Pins 1 & 2	JP100/Pins 3 & 4	JP100/Pins 5 & 6
C800	Closed	Closed	Open
CC00	Closed	Open	Closed
» D000	Closed	Open	Open
D400	Open	Closed	Closed
D800	Open	Closed	Open
DC00	Open	Open	Closed
E000	Open	Open	Open

	Disabled	Closed	Closed	Closed
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SERIAL INTERRUPT SELECTION			
	Port IRQ	Interface IRQ	JP18
	IRQ3	IRQ4	Pins 1 & 2, 3 & 4 closed
	IRQ3	IRQ10	Pins 1 & 2, 7 & 8 closed
	IRQ3	IRQ11	Pins 1 & 2, 6 & 8 closed
»	IRQ4	IRQ3	Pins 1 & 3, 2 & 4 closed
	IRQ4	IRQ10	Pins 2 & 4, 7 & 8 closed
	IRQ4	IRQ11	Pins 2 & 4, 5 & 7 closed
	IRQ10	IRQ3	Pins 1 & 3, 6 & 8 closed
	IRQ10	IRQ4	Pins 3 & 4, 6 & 8 closed
	IRQ10	IRQ11	Pins 5 & 6, 7 & 8 closed
	IRQ11	IRQ3	Pins 1 & 3, 5 & 6 closed
	IRQ11	IRQ4	Pins 3 & 4, 5 & 6 closed
	IRQ11	IRQ10	Pins 5 & 7, 6 & 8 closed