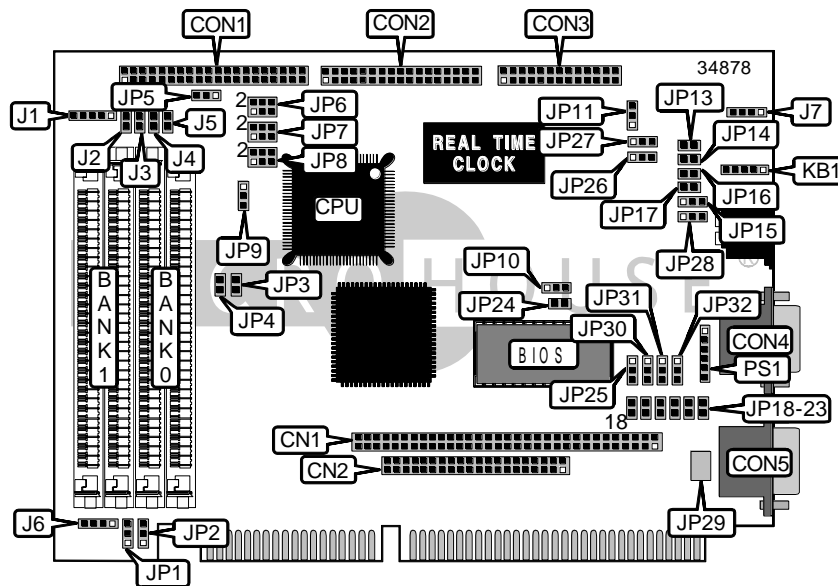


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AP-300AA

Device Type	Mainboard
Processor	CX 486SLC/CX486SLC2/AM386SX
Processor Speed	33/40/50(internal)MHz
Chip Set	ALI
Video Chip Set	None
Maximum Onboard Memory	16MB
Maximum Video Memory	None
Cache	None
BIOS	AMI
Dimensions	185mm x 122mm
I/O Options	Floppy drive interface, IDE interface, parallel port, serial ports (2), PC/104 connectors (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PC/104 connector (8-bit)	CN1	Turbo switch	J2
PC/104 connector (16-bit)	CN2	Turbo LED	J3
IDE interface	CON1	Reset switch	J4
Floppy drive interface	CON2	IDE interface LED	J5
Parallel port	CON3	Speaker	J6
Serial port 1	CON4	External battery	J7
Serial port 2	CON5	Auxiliary keyboard connector	KB1
Power LED & keylock	J1	External power	PS1

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Flash BIOS voltage select 12v	JP1	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP1	Pins 2 & 3 closed
í BIOS type select flash	JP2	Pins 1 & 2 closed
BIOS type select EPROM	JP2	Pins 2 & 3 closed
í Power good signal detect from board	JP5	Pins 1 & 2 closed
Power good signal detect from power supply	JP5	Pins 2 & 3 closed
í ROM disk enabled	JP6/pins 5 & 6	Open
ROM disk disabled	JP6/pins 5 & 6	Closed
í CMOS memory normal operation	JP11	Pins 1 & 2 closed
CMOS memory clear	JP11	Pins 2 & 3 closed
í Primary serial port enabled	JP13	Open
Primary serial port disabled	JP13	Closed
í Secondary serial port enabled	JP14	Open
Secondary serial port disabled	JP14	Closed
í IDE interface enabled	JP16	Open
IDE interface disabled	JP16	Closed
í Floppy drive interface enabled	JP17	Open
Floppy drive interface disabled	JP17	Closed
í Watchdog timer enabled	JP18	Closed
Watchdog timer disabled	JP18	Open
í Factory configured - do not alter	JP19	Unidentified
í Factory configured - do not alter	JP20	Unidentified
í Factory configured - do not alter	JP21	Unidentified
í Factory configured - do not alter	JP22	Unidentified
í Watchdog timeout by NMI disabled	JP23	Open
Watchdog timeout by NMI enabled	JP23	Closed
í Factory configured - do not alter	JP24	Closed
Serial port 1 COM select COM1	JP26	Pins 1 & 2 closed
Serial port 1 COM select COM3	JP26	Pins 2 & 3 closed
Serial port 2 COM select COM2	JP27	Pins 1 & 2 closed
Serial port 2 COM select COM4	JP27	Pins 2 & 3 closed

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
512KB	(2) 256K x 9	None
1MB	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	None
4MB	(2) 1M x 9	(2) 1M x 9
8MB	(2) 4M x 9	None
16MB	(2) 4M x 9	(2) 4M x 9

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CPU SPEED SELECTION				
Speed	JP3	JP4	JP9	JP10
33MHz	Closed	Open	2 & 3	2 & 3
40MHz	Open	Closed	1 & 2	1 & 2
50MHz	Open	Open	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

DMA CHANNEL SELECTION		
Channel	JP25	JP30
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT SELECTION		
Setting	JP15	JP28
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed
SPP	Pins 1 & 2 closed	Pins 2 & 3 closed
EPP	Pins 2 & 3 closed	Pins 1 & 2 closed
ECP	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
Setting	JP29	JP31	JP32
IRQ10	Pins 4 & 7 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
IRQ11	Pins 3 & 4 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
IRQ12	Pins 4 & 5 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

SERIAL PORT 2 INTERRUPT SELECTION			
Setting	JP29	JP31	JP32
IRQ10	Pins 2 & 6 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
IRQ11	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
IRQ12	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

FLASH DISK SELECTION		
Disk	JP6/pins 1 & 2	JP6/pins 3 & 4
A	Closed	Closed
B	Open	Closed
C	Closed	Open
D	Open	Open

BIOS SELECTION			
Type	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/pins 5 & 6
Flash	Closed	Closed	Open
128KB	Open	Closed	Open

256KB	Closed	Open	Open
512KB	Open	Open	Open

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BASE ADDRESS SELECTION			
Address	JP8/pins 1 & 2	JP8/pins 3 & 4	JP8/pins 5 & 6
CA00	Closed	Closed	Closed
CE00	Closed	Closed	Open
D000	Closed	Open	Closed
D400	Closed	Open	Open
D800	Open	Closed	Closed
DC00	Open	Closed	Open
E000	Open	Open	Open