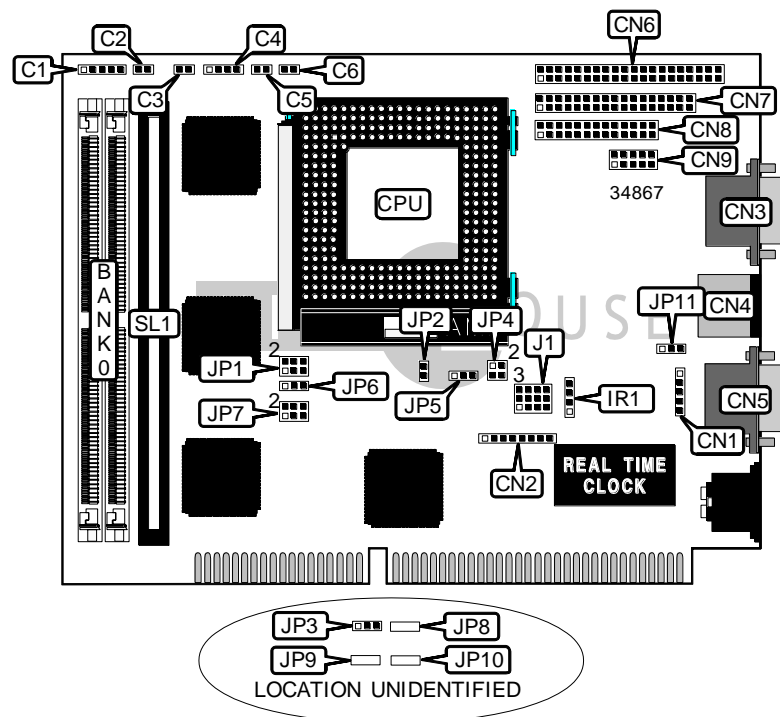


LANNER ELECTRONICS, INC.

AP-5200SH

Device Type	Mainboard
Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	SIS
Video Chip Set	Unidentified
Maximum Onboard Memory	64MB (EDO supported)
Maximum Video Memory	Unidentified
Cache	256/512KB
BIOS	Award
Dimensions	Unidentified
I/O Options	Floppy drive interface, green PC connector, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, cache slot, IR connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	C1	PS/2 mouse port	CN4
IDE interface LED	C2	Serial port 1	CN5
Turbo LED	C3	IDE interface	CN6
Speaker	C4	Floppy drive interface	CN7
Green PC connector	C5	Parallel port	CN8
Reset switch	C6	Serial port 2	CN9
Auxiliary keyboard connector	CN1	IR connector	IR1
Power connector	CN2	Cache slot	SL1
VGA port	CN3		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	JP2	Closed
í Factory configured - do not alter	JP3	Pins 1 & 2 closed
Power good signal detect from power supply	JP5	Pins 2 & 3 closed
Power good signal detect from board	JP5	Pins 1 & 2 closed
í Factory configured - do not alter	JP8	Unidentified
í Factory configured - do not alter	JP9	Unidentified
í Factory configured - do not alter	JP10	Unidentified

SIMM CONFIGURATION	
Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
Note: Board accepts EDO memory.	

CACHE CONFIGURATION	
Size	SL1
256KB	256KB module installed
512KB	512KB module installed

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CACHE JUMPER CONFIGURATION		
Type	JP6	JP7
Asynchronous	Pins 1 & 2 closed	Pins 1 & 3, 2 & 4 closed
Pipeline burst	Pins 2 & 3 closed	Pins 3 & 5, 4 & 6 closed

VIDEO MEMORY CONFIGURATION
Note: the size & location of the video memory is unidentified.

CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	JP1	JP4
75MHz	50MHz	1.5x	3 & 4	Open
90MHz	60MHz	1.5x	1 & 2	Open
100MHz	66MHz	1.5x	Open	Open
120MHz	60MHz	2x	1 & 2	3 & 4
133MHz	66MHz	2x	Open	3 & 4
150MHz	60MHz	2.5x	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	Open	1 & 2, 3 & 4
180MHz	60MHz	3x	1 & 2	1 & 2
200MHz	66MHz	3x	Open	1 & 2
Note: Pins designated should be in the closed position.				

WATCHDOG TIMER ACTIVE SELECTION	
Time out	J1
.5 sec	Pins 2 & 3 closed
1 sec	Pins 5 & 6 closed
2 sec	Pins 8 & 9 closed
4 sec	Pins 11 & 12 closed
8 sec	Pins 10 & 11 closed
16 sec	Pins 7 & 8 closed
32 sec	Pins 4 & 5 closed
64 sec	Pins 1 & 2 closed

WATCHDOG TIMER ACTIVE SELECTION	
Setting	JP11
Reset system	Pins 1 & 2 closed
NMI system	Pins 2 & 3 closed
Disabled	Open