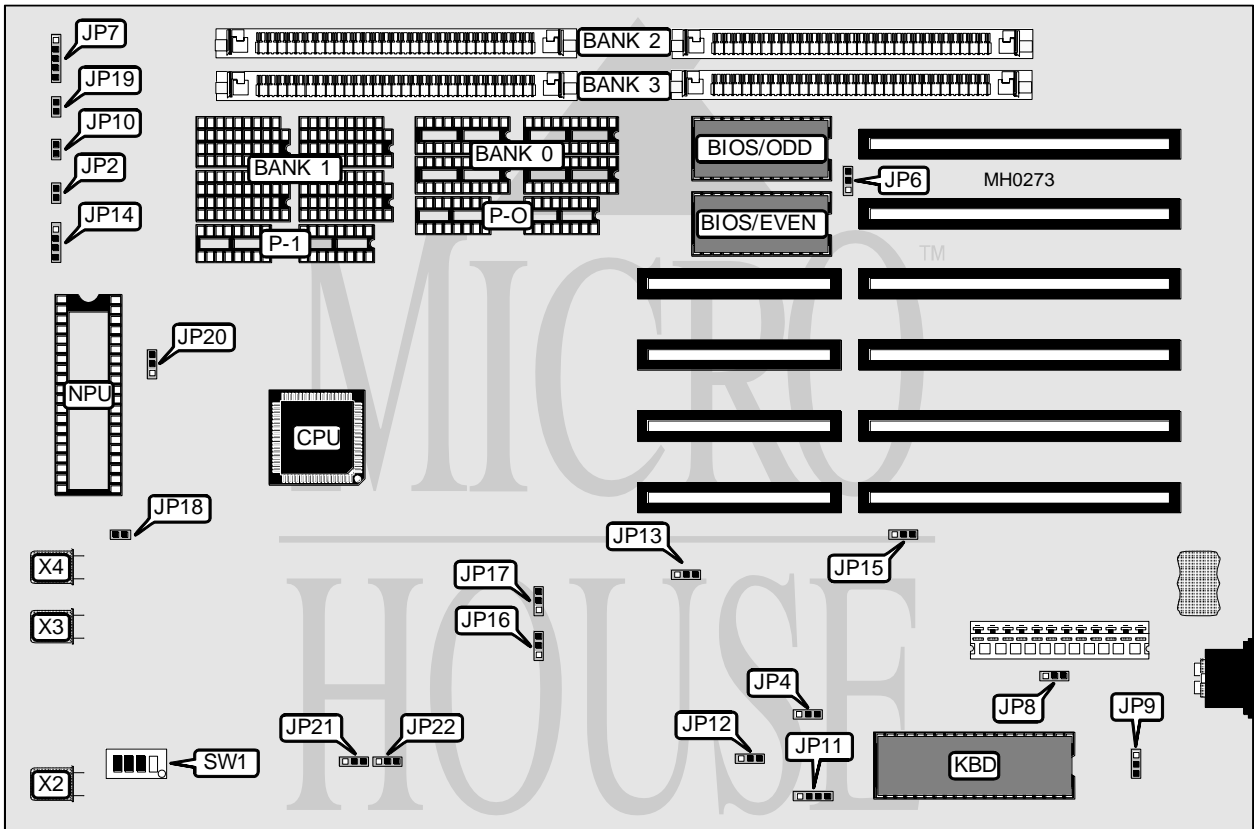


ADVANCED COMPUTER TECHNOLOGY, LTD.
LAT-25/4M, LAT-16/4M, LAT-12/4M

Processor 80286
Processor Speed 12/16/25MHz
Chip Set ACT
Max. Onboard DRAM 4MB
Cache None
BIOS AMI
Dimensions 330mm x 218mm
I/O Options None
NPU Options 80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	JP2	External battery	JP11
Power LED & Keylock	JP7	Speaker	JP14
Reset switch	JP10	Turbo switch	JP19

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ADVANCED COMPUTER TECHNOLOGY, LTD.

LAT-25/4M, LAT-16/4M, LAT-12/4M

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Factory configured - do not alter	JP4	N/A
í BIOS type select 27256	JP6	pins 1 & 2 closed
ROM type select 27512	JP6	pins 2 & 3 closed
í Factory configured - do not alter	JP8	N/A
í Monitor type select color	JP9	pins 2 & 3 closed
Monitor type select monochrome	JP9	pins 1 & 2 closed
í Battery select internal	JP12	pins 2 & 3 closed
Battery select external	JP12	pins 1 & 2 closed
í Power good signal detect from power supply	JP13	pins 1 & 2 closed
Power good signal detect from board	JP13	pins 2 & 3 closed
í Factory configured - do not alter	JP15	N/A
í Factory configured - do not alter	JP16	N/A
í Bus speed select 8MHz	JP17	pins 1 & 2 closed
Bus speed select 6MHz	JP17	pins 2 & 3 closed
í Factory configured - do not alter	JP18	N/A
í Parity check enabled	JP20	pins 1 & 2 closed
Parity check disabled	JP20	pins 2 & 3 closed
í Factory configured - do not alter	JP21	N/A
í Factory configured - do not alter	JP22	N/A
í RAM speed select 0 wait states	SW1/4	Off
RAM speed select 1 wait state	SW1/4	On

Note: SW1/4 must be on for the LAT-25/4M model.

DRAM CONFIGURATION						
Size	Bank 0	Bank 1	Bank 2	Bank 3	P-0	P-1
512KB	(4) 44256	NONE	NONE	NONE	(2) 41256	NONE
512KB	NONE	NONE	(2) 256K x 9	NONE	NONE	NONE
640KB	(4) 44256	(4) 4464	NONE	NONE	(2) 41256	(2) 4164
640KB	NONE	(4) 4464	(2) 256K x 9	NONE	NONE	(2) 4164
1MB	(4) 44256	(4) 44256	NONE	NONE	(2) 41256	(2) 41256
1MB	(4) 44256	NONE	NONE	(2) 256K x 9	(2) 41256	NONE
1MB	NONE	NONE	(2) 256K x 9	(2) 256K x 9	NONE	NONE
2MB	NONE	NONE	(2) 1MBx 9	NONE	NONE	NONE
4MB	NONE	NONE	(2) 1MBx 9	(2) 1MBx 9	NONE	NONE

DRAM SWITCH CONFIGURATION			
Size	SW1/1	SW1/2	SW1/3
512KB	On	On	On
640KB	On	Off	Off
1MB	On	Off	On
2MB	Off	On	On
4MB	Off	Off	On