ARNOS INSTRUMENTS & COMPUTER SYSTEMS, INC.
A 4 8 6 - 2 5 / 3 3 / 5 0 C

Processor	80486SX/80487SX/80486DX/80486DX2
Processor Speed	25/33/50(internal)/50/66(internal)MHz
Chip Set	AIC
Max. Onboard DRAM	64MB
Cache	64/128/256/512/1024KB
BIOS	AMI/Phoenix
Dimensions	264mm x 219mm
I/O Options	None
NPU Options	4167
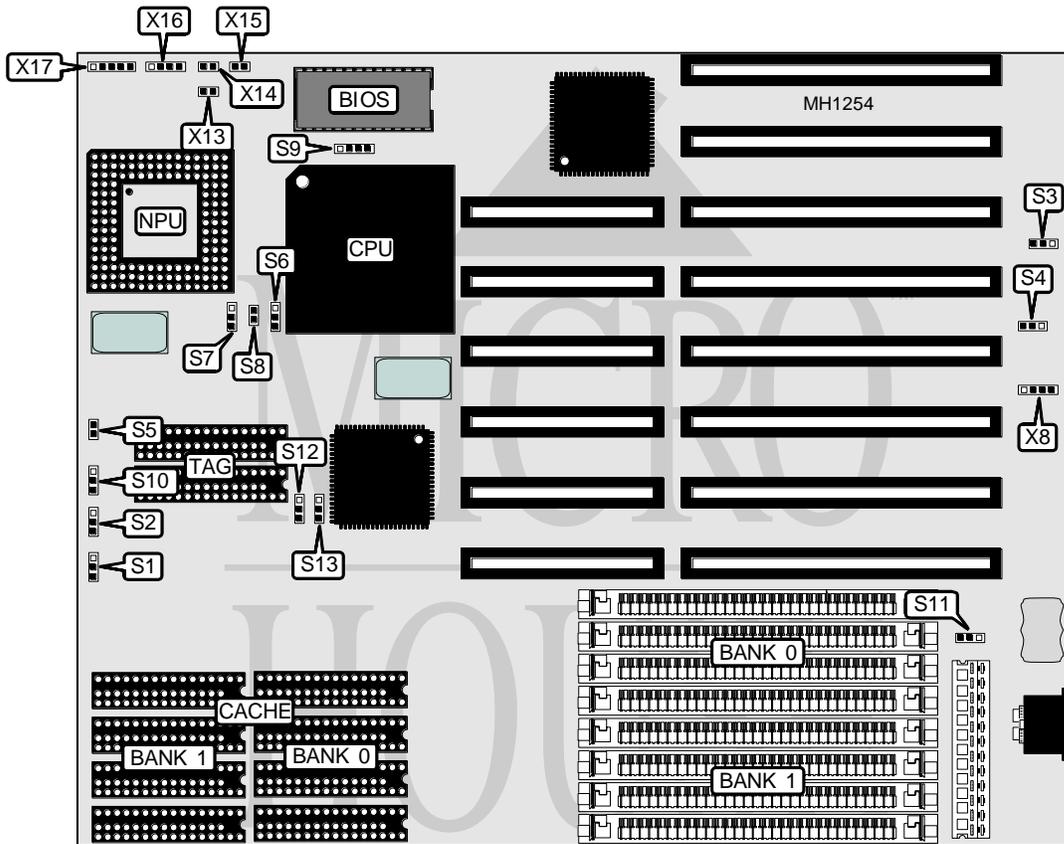
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	X8	Turbo switch	X15
Reset switch	X13	Speaker	X16
Turbo LED	X14	Power LED & keylock	X17

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A486-25/33/50C

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery select internal	S3	pins 1 & 2 closed
Battery select external	S3	pins 2 & 3 closed
í Battery type select 5VDC or less	S4	pins 1 & 2 closed
Battery type select greater than 5VDC	S4	pins 2 & 3 closed
í External cache enabled	S5	open
External cache disabled	S5	closed
í CPU speed select iOSC/2	S7	pins 1 & 2 closed
CPU speed select iOSC/1	S7	pins 2 & 3 closed
í Monitor type select color	S8	closed
Monitor type select monochrome	S8	open

CPU TYPE CONFIGURATION		
CPU Type	S6	S9
80486DX2	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80486DX	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80487SX	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed
80486SX	open	pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE

CACHE JUMPER CONFIGURATION					
Size	S1	S2	S10	S12	S13
64KB	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2
128KB	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 2 & 3
256KB	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 1 & 2
512KB	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2
1024KB	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3
Note: Pins designated should be in the closed position.					

CACHE CONFIGURATION			
Size	Cache	Location	TAG
64KB	(8) 8K x 8	Banks 0 & 1	(2) 8K x 8
128KB	(4) 32K x 8	Bank 0	(2) 8K x 8
256KB	(8) 32K x 8	Banks 0 & 1	(2) 32K x 8
512KB	(4) 128K x 8	Bank 0	(2) 32K x 8
1024KB	(8) 128K x 8	Banks 0 & 1	(2) 128K x 8