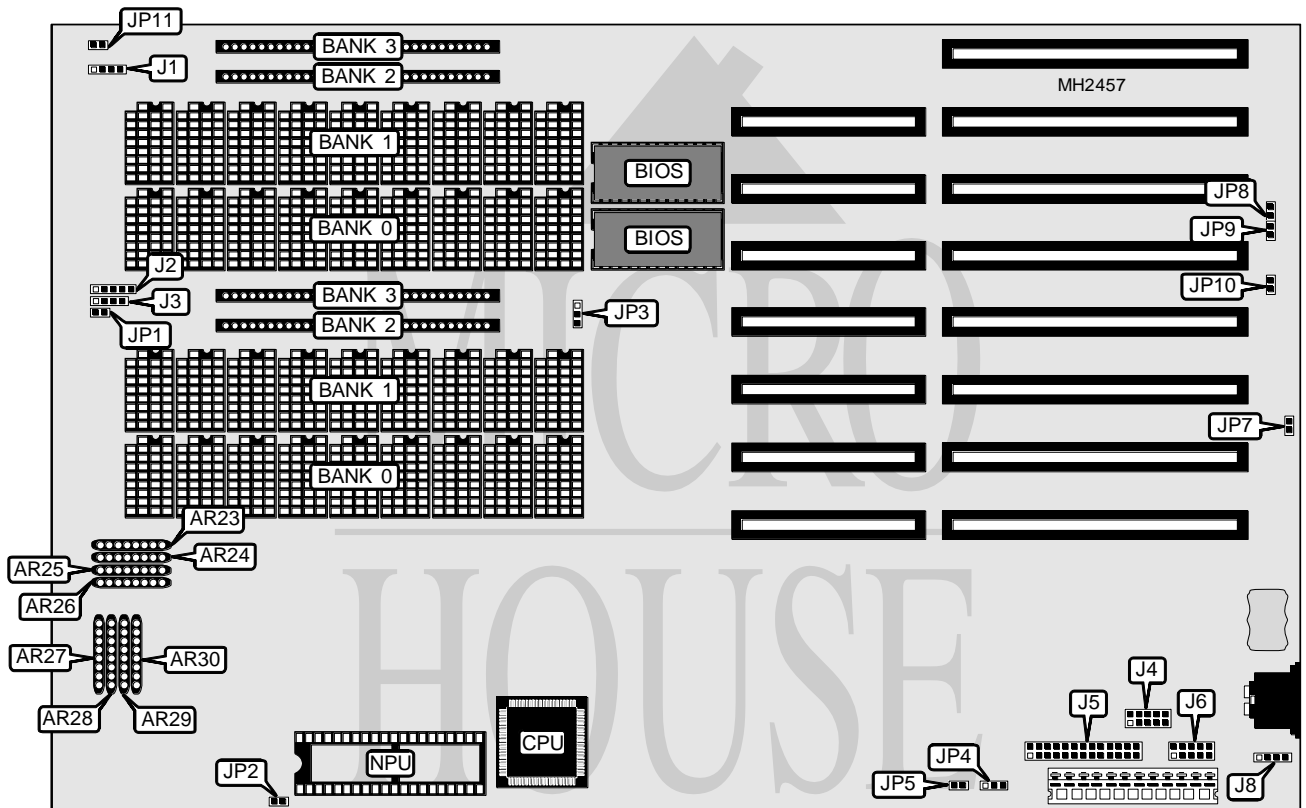


# TMC RESEARCH CORPORATION

## JATO 286+

<b>Processor</b>	80286
<b>Processor Speed</b>	10/12/16/20MHz
<b>Chip Set</b>	LSI
<b>Max. Onboard DRAM</b>	8MB
<b>Cache</b>	None
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J1	Serial port 1	J6
Power LED & keylock	J2	External battery	J8
Speaker	J3	Reset switch	JP1
Serial port 2	J4	Reset switch	JP5
Parallel port	J5		

Continued on next page. . .

# TMC RESEARCH CORPORATION

## JATO 286+

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í NPU clock speed select CPU clock	JP2	pins 1 & 2 closed
NPU clock speed select OSC1	JP2	pins 2 & 3 closed
í BIOS type select 27128	JP3	pins 1 & 2 closed
BIOS type select 27256	JP3	pins 2 & 3 closed
í Power good signal detect from board	JP4	pins 2 & 3 closed
Power good signal detect from power supply	JP4	pins 1 & 2 closed
í Monitor type select color	JP6	Closed
Monitor type select monochrome	JP6	Open
í Battery type select internal	JP7	Closed
Battery type select external	JP7	Open
í Parallel port enabled	JP8	Open
Parallel port disabled	JP8	Closed
í Serial port 2 enabled	JP9	Open
Serial port 2 disabled	JP9	Closed
í Serial port 1 enabled	JP10	Open
Serial port 1 disabled	JP10	Closed
Factory configured - do not alter	JP11	Open

Note: The location of JP6 is unidentified.

DRAM CONFIGURATION (OPTION 1)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(18) 41256	NONE	NONE	NONE
640KB	(18) 41256	(18) 4164	NONE	NONE
1MB	(18) 41256	(18) 41256	NONE	NONE
2MB	(18) 41256	(18) 41256	(2) 256K x 9	(2) 256K x 9
4MB	(18) 411000	(18) 411000	NONE	NONE
5MB	(18) 411000	(18) 411000	(2) 256K x 9	(2) 256K x 9
8MB	(18) 411000	(18) 411000	(2) 1M x 9	(2) 1M x 9

DRAM CONFIGURATION (OPTION 2)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	NONE	NONE	(2) 256K x 9	NONE
1MB	NONE	NONE	(2) 256K x 9	(2) 256K x 9
2MB	(18) 41256	(18) 41256	(2) 256K x 9	(2) 256K x 9
4MB	NONE	NONE	(2) 1M x 9	(2) 1M x 9
5MB	(18) 41256	(18) 41256	(2) 1M x 9	(2) 1M x 9
5MB	(18) 411000	(18) 411000	(2) 256K x 9	(2) 256K x 9
8MB	(18) 411000	(18) 411000	(2) 1M x 9	(2) 1M x 9

DRAM RESISTOR CONFIGURATION				
Size	AR23	AR24	AR25	AR26
Option 1	Installed	Installed	Not Installed	Not Installed
Option 2	Not Installed	Not Installed	Installed	Installed

DRAM RESISTOR CONFIGURATION (CON'T)				
Size	AR27	AR28	AR29	AR30

---

Option 1	Not Installed	Not Installed	Installed	Installed
Option 2	Installed	Installed	Not Installed	Not Installed