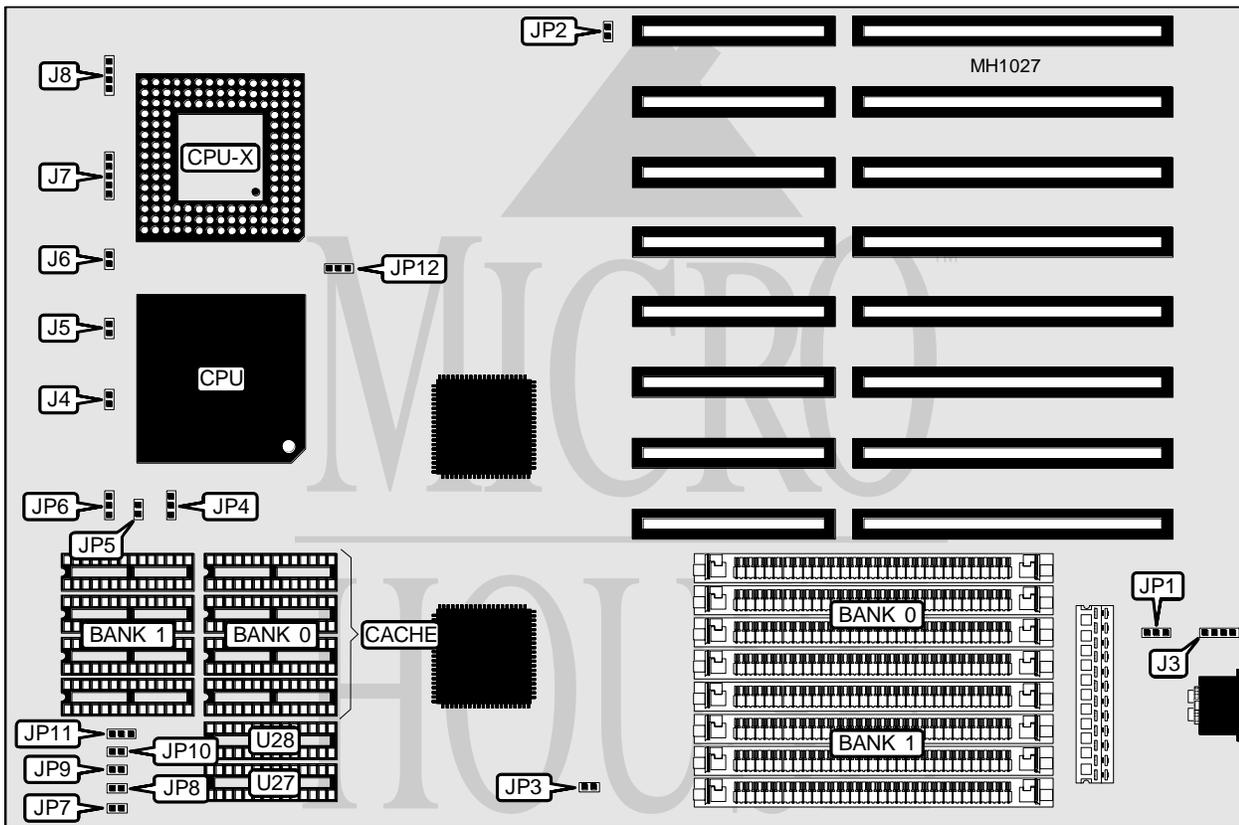


# AMPTRON INTERNATIONAL, INC.

## DX - 6400

<b>Processor</b>	80486SX/80487SX/80486DX/ODP486SX/80486DX2
<b>Processor Speed</b>	16/20/25/33/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	C & T
<b>Max. Onboard DRAM</b>	32MB
<b>Cache</b>	64/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	None
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J3	Reset switch	J6
Turbo switch	J4	Power LED & keylock	J7
Turbo LED	J5	Speaker	J8

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**DX - 6400**

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP1	pins 2 & 3 closed
CMOS memory clear	JP1	pins 1 & 2 closed
í Monitor type select color	JP2	Closed
Monitor type select monochrome	JP2	Open
í I/O bus speed select CPUCLK/4	JP3	Open
I/O bus speed select CPUCLK/6	JP3	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
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 4M x 9	(4) 1M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG (U27)	TAG (U28)
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	NONE
256KB	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	NONE

CACHE JUMPER CONFIGURATION					
Size	JP7	JP8	JP9	JP10	JP11
64KB	Open	Open	Open	Open	2 & 3
256KB	1 & 2	1 & 2	Open	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION				
Type	Socket	JP4	JP5	JP6
80486SX	CPU	pins 2 & 3 closed	Open	open
ODP486SX	CPU-X	pins 1 & 2 closed	Closed	pins 1 & 2 closed
80487SX	CPU-X	pins 1 & 2 closed	Closed	pins 1 & 2 closed
80486DX	CPU	pins 1 & 2 closed	Closed	pins 2 & 3 closed
80486DX2	CPU	pins 1 & 2 closed	Closed	pins 2 & 3 closed

CPU CLOCK FREQUENCY CONFIGURATION			
Type	CPU Frequency	Osc Frequency	JP12
80486SX/80487SX/80486DX	20/25/33MHz	40/50/66MHz	pins 2 & 3 closed
80486DX2/ODP486SX	50/66MHz	25/33MHz	pins 1 & 2 closed
80486DX2/ODP486SX	50/66MHz	50/66MHz	pins 2 & 3 closed
80486DX	50MHz	50MHz	pins 1 & 2 closed