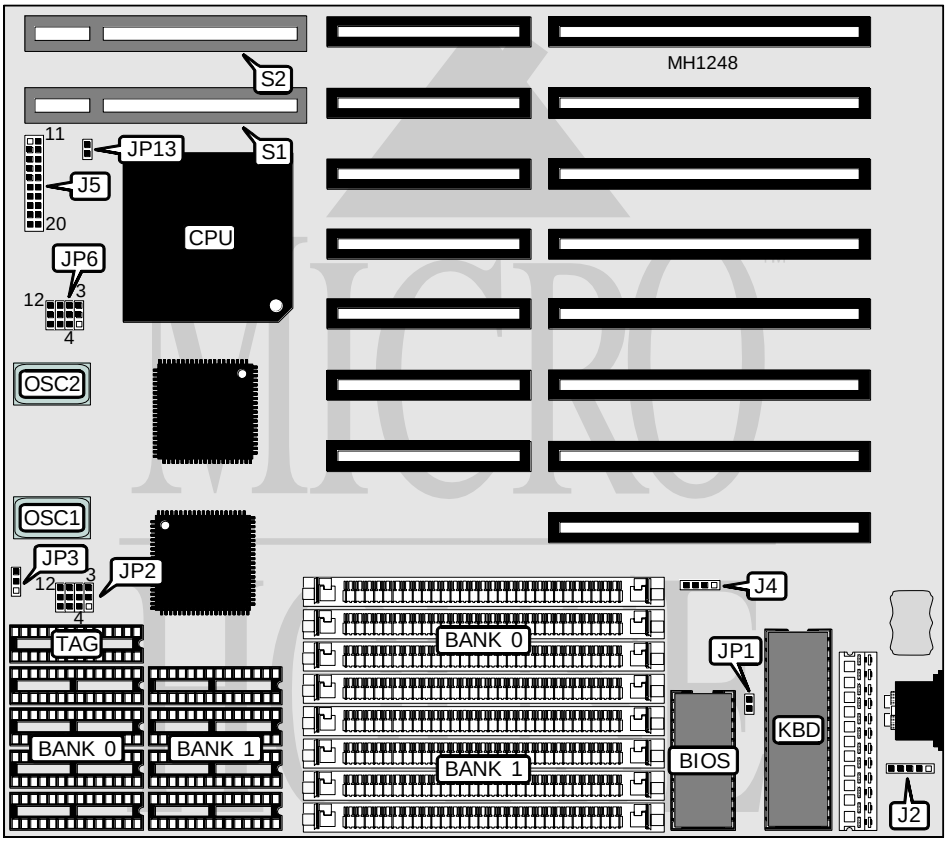
COMPUTREND SYSTEMS, INC.
CONTAQ SINGLE CHIP 486 (MS-4123 VER. 1.1)

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2
Processor Speed	20/25/33/50(internal)/50/66(internal)
Chip Set	CONTAQ
Max. Onboard DRAM	32MB
SRAM Cache	64/128/256KB
BIOS	AMI
Dimensions	250mm x 220mm
I/O Options	32-bit VESA card slots (2), auxiliary keyboard connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Auxiliary keyboard	J2	Turbo switch	J5/15 - 17
Power LED & keylock	J5/1 - 5	Turbo LED	J5/12 &13
Speaker	J5/7 - 10	External battery	J4
Reset switch	J5/19 & 20	32-bit VESA card	S1 & S2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP1	Open
Monitor type select color	JP1	Closed
CPU speed select 20/25MHz	JP3 JP13	pins 2 & 3 closed open
CPU speed select 33MHz	JP3 JP13	pins 1 & 2 closed open
CPU speed select > 33MHz	JP3 JP13	pins 1 & 2 closed closed
í Battery select internal	J4	pins 2 & 3 closed
Battery select external	J4	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
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
17MB	(4) 4M x 9	(4) 256K x 9
20MB	(4) 1M x 9	(4) 4M x 9
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CPU JUMPER CONFIGURATION	
CPU	JP6
80486DX2	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12
ODP486SX	pins 1 & 2, 4 & 5, 7 & 8, 10 & 11
80486DX	pins 1 & 2, 4 & 5, 8 & 9, 11 & 12
80487SX	pins 1 & 2, 4 & 5, 7 & 8, 10 & 11
80486SX	pins 2 & 5, 3 & 6, 8 & 11, 9 & 12

SRAM CONFIGURATION				
Size	Cache SRAM	Location	TAG	JP2
64KB	(8) 8K x 8	Banks 0 & 1	(1) 8K x 8	pins 1 & 2, 4 & 5, 7 & 8, and 10 & 11
128KB	(4) 32K x 8	Bank 0	(1) 8K x 8	pins 1 & 2, 4 & 5, 8 & 9, and 11 & 12
256KB	(8) 32K x 8	Banks 0 & 1	(1) 32K x 8	pins 2 & 3, 5 & 6, 8 & 9, and 11 & 12