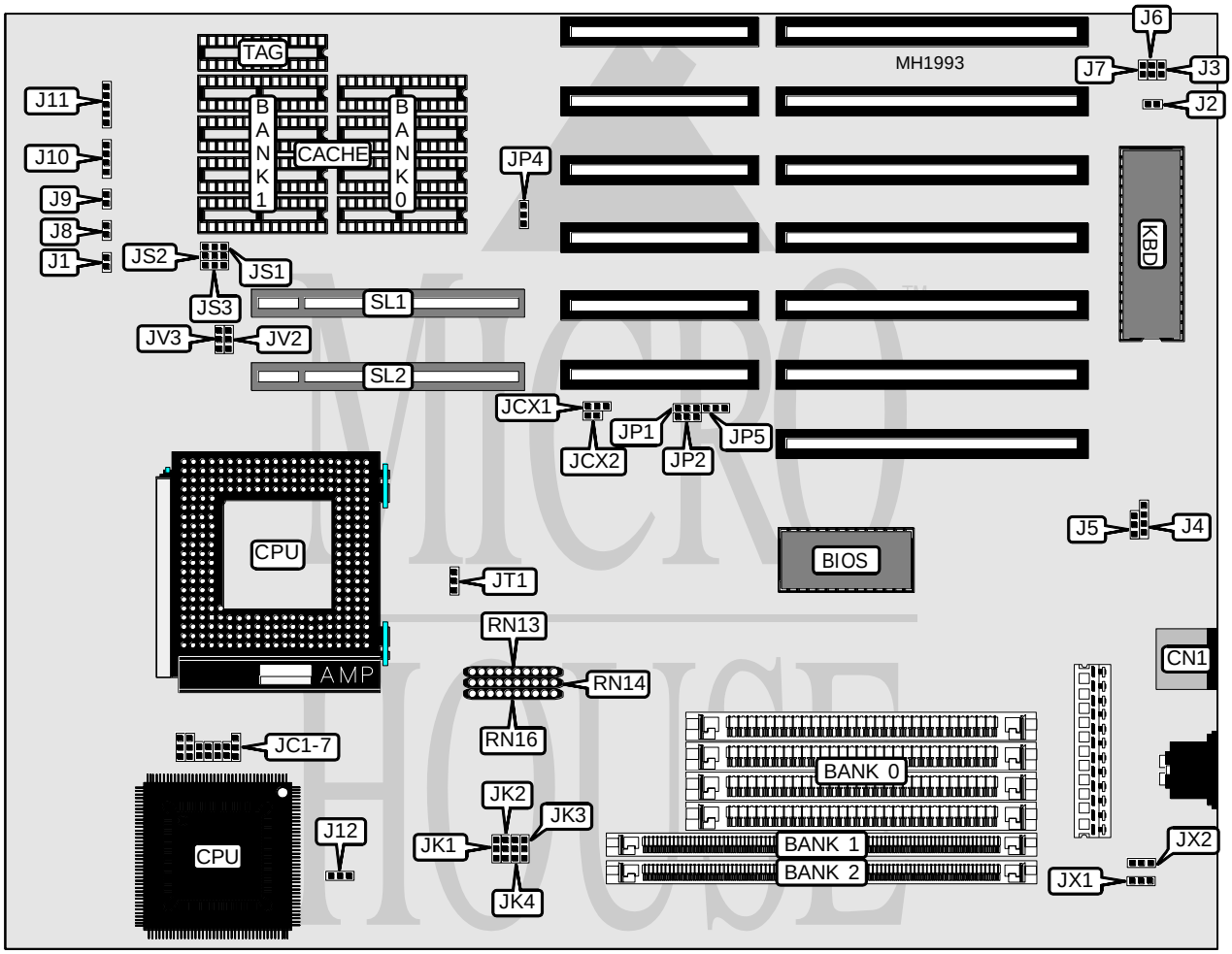
EASYDATA COMPUTER PRODUCTS
486 ENERGY SAVING VESA

Processor	CX486S/CX486DLC/80486SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	25/33/40(internal)/40/50(internal)/50/66(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	96MB
Cache	64/128/256KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Speaker	J10
Green power supply connector	J3	Power LED & keylock	J11
External battery	J4	PS/2 mouse port	CN1
Turbo LED	J8	32-bit VESA Local bus slots	SL1 & SL2
Reset switch	J9		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome/EGA/VGA	J2	Open
Monitor type select color	J2	Closed
í Battery type select - internal	J5	pins 2 & 3 closed
Battery type select - external	J5	pins 1 & 2 closed
í Adaptec ISA master 1542B/C SCSI card (transfer rate <5.7MB/s)	J6	Open
Adaptec ISA master 1542B/C SCSI card (transfer rate >5.7MB/s)	J6	Closed
í CMOS memory normal operation	J7	Open
CMOS memory clear	J7	Closed
í Cyrix CPU clock mode select (1X)	J12	pins 2 & 3 closed
Cyrix CPU clock mode select (2X)	J12	pins 1 & 2 closed
í Factory configured - do not alter	JP1	pins 1 & 2 closed
í Regular CPU installed	JP2, JX2	pins 1 & 2 closed
Cyrix or Intel S-series CPU installed	JP2, JX2	pins 2 & 3 closed
í VESA VGA card not installed in slot	JP4	pins 1 & 2 closed
VESA VGA card installed in slot SL2	JP4	pins 2 & 3 closed
í Factory configured - do not alter disabled	JP5	pins 1 & 2 closed
í PQFP CPU disabled	JC6	Closed
PQFP CPU enabled	JC6	Open
í P24T write back cache enabled	JT1	pins 1 & 2 closed
P24T write through cache enabled	JT1	pins 2 & 3 closed
í CPU clock mode select (1X)	JX1	pins 1 & 2 closed
CPU clock mode select (2X)	JX1	pins 2 & 3 closed
í Intel S/DX/DX2 CPU installed	JCX1	Open
Cyrix CX486S/DX installed	JCX1	Closed
í Intel S/DX/DX2 CPU installed	JCX2	pins 1 & 2 closed
Cyrix CX486S/DX installed	JCX2	pins 2 & 3 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(4) 256K x 9	NONE	NONE
1MB	NONE	(1) 256K x 36	NONE
1MB	NONE	NONE	(1) 256K x 36
2MB	(4) 256K x 9	(1) 256K x 36	NONE
2MB	NONE	(1) 256K x 36	(1) 256K x 36
2MB	(4) 256K x 9	NONE	(1) 256K x 36
3MB	(4) 256K x 9	(1) 256K x 36	(1) 256K x 36
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
4MB	NONE	NONE	(1) 1M x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
5MB	(4) 256K x 9	(1) 1M x 36	NONE
5MB	(4) 256K x 9	NONE	(1) 1M x 36
5MB	(4) 1M x 9	(1) 256K x 36	NONE
5MB	(4) 1M x 9	NONE	(1) 256K x 36
5MB	NONE	(1) 256K x 36	(1) 1M x 36
5MB	NONE	(1) 1M x 36	(1) 256K x 36
6MB	(4) 256K x 9	(1) 1M x 36	(1) 256K x 36
6MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36
6MB	(4) 1M x 9	(1) 256K x 36	(1) 256K x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	(4) 1M x 9	NONE	(1) 1M x 36
8MB	NONE	(1) 1M x 36	(1) 1M x 36
9MB	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
9MB	(4) 1M x 9	(1) 256K x 36	(1) 1M x 36
9MB	(4) 1M x 9	(1) 1M x 36	(1) 256K x 36
12MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 4M x 36	NONE
16MB	NONE	NONE	(1) 4M x 36
17MB	(4) 256K x 9	(1) 4M x 36	NONE
17MB	(4) 256K x 9	NONE	(1) 4M x 36
17MB	NONE	(1) 256K x 36	(1) 4M x 36
17MB	NONE	(1) 4M x 36	(1) 256K x 36
17MB	(4) 4M x 9	(1) 256K x 36	NONE
17MB	(4) 4M x 9	NONE	(1) 256K x 36
18MB	(4) 256K x 9	(1) 256K x 36	(1) 4M x 36
18MB	(4) 256K x 9	(1) 4M x 36	(1) 256K x 36
18MB	(4) 4M x 9	(1) 256K x 36	(1) 256K x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	(4) 1M x 9	NONE	(1) 4M x 36
20MB	(4) 4M x 9	(1) 1M x 36	NONE
20MB	(4) 4M x 9	NONE	(1) 1M x 36
20MB	NONE	(1) 1M x 36	(1) 4M x 36
20MB	NONE	(1) 4M x 36	(1) 1M x 36
21MB	(4) 256K x 9	(1) 1M x 36	(1) 4M x 36
21MB	(4) 256K x 9	(1) 4M x 36	(1) 1M x 36
21MB	(4) 1M x 9	(1) 256K x 36	(1) 4M x 36
21MB	(4) 1M x 9	(1) 4M x 36	(1) 256K x 36
21MB	(4) 4M x 9	(1) 256K x 36	(1) 1M x 36
21MB	(4) 4M x 9	(1) 1M x 36	(1) 256K x 36
24MB	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(1) 4M x 36	(1) 1M x 36
24MB	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36

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DRAM CONFIGURATION(CON'T)			
Size	Bank 0	Bank 1	Bank 2
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	(4) 4M x 9	NONE	(1) 4M x 36
32MB	NONE	(1) 4M x 36	(1) 4M x 36
33MB	(4) 256K x 9	(1) 4M x 36	(1) 4M x 36
33MB	(4) 4M x 9	(1) 256K x 36	(1) 4M x 36
33MB	(4) 4M x 9	(1) 4M x 36	(1) 256K x 36
36MB	(1) 4M x 9	(1) 4M x 36	(1) 4M x 36
36MB	(4) 4M x 9	(1) 1M x 36	(1) 4M x 36
36MB	(4) 4M x 9	(1) 4M x 36	(1) 1M x 36
48MB	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	(4) 16M x 9	NONE	NONE
65MB	(4) 16M x 9	(1) 256K x 36	NONE
65MB	(4) 16M x 9	NONE	(1) 256K x 36
66MB	(4) 16M x 9	(1) 256K x 36	(1) 256K x 36
68MB	(4) 16M x 9	(1) 1M x 36	NONE
68MB	(4) 16M x 9	NONE	(1) 1M x 36
69MB	(4) 16M x 9	(1) 256K x 36	(1) 1M x 36
69MB	(4) 16M x 9	(1) 1M x 36	(1) 256K x 36
72MB	(4) 16M x 9	(1) 4M x 36	(1) 4M x 36
80MB	(4) 16M x 9	(1) 4M x 36	NONE
80MB	(4) 16M x 9	NONE	(1) 4M x 36
81MB	(4) 16M x 9	(1) 256K x 36	(1) 256K x 36
81MB	(4) 16M x 9	(1) 4M x 36	(1) 4M x 36
84MB	(4) 16M x 9	(1) 1M x 36	(1) 4M x 36
84MB	(4) 16M x 9	(1) 4M x 36	(1) 1M x 36
96MB	(4) 16M x 9	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JS1	JS2	JS3
64KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

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CPU TYPE CONFIGURATION						
Type	JC1	JC2	JC3	JC4	JC5	JC7
Intel 486SX	2 & 3	2 & 3	Open	Open	Closed	1 & 2
CX486S	2 & 3	2 & 3	Closed	Open	Open	1 & 2
CX486S/487S	1 & 2	1 & 2	Closed	Open	Open	1 & 2
CX486DX	1 & 2	1 & 2	Closed	Open	Open	1 & 2
Intel 486DX/DX2	1 & 2	1 & 2	Closed	Open	Closed	1 & 2
P23S	2 & 3	2 & 3	Open	Open	Closed	1 & 2
P24S/P4S	1 & 2	1 & 2	Closed	Open	Closed	1 & 2
P24T	1 & 2	1 & 2	Open	Closed	Open	2 & 3
Note: Pins designated should be in the closed position.						

CPU TYPE CONFIGURATION			
Type	RN13	RN14	RN16
Intel 80486SX (PGA)	Not installed	Not installed	Not installed
CX486S (PGA)	Not installed	Not installed	Installed
CX486S (PQFP)	Not installed	Installed	Not installed
CX486S/CX487S (PGA)	Not installed	Not installed	Installed
CX486DX (PGA)	Not installed	Not installed	Installed
Intel 80486DX	Not installed	Not installed	Not installed
Intel 80486DX2	Not installed	Not installed	Not installed
P23S/P4S (PQFP)	Not installed	Installed	Not installed
P23S/P4S/P24S	Installed	Not installed	Not installed

CLOCK SPEED CONFIGURATION				
Speed	JK1	JK2	JK3	JK4
20MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
25MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
33MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
40MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
50iMHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
50MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

VESA WAIT STATE/BUS SPEED (ID2 & ID3) CONFIGURATION			
CPU speed	Wait states	JV2	JV3
< 33MHz	0 wait states	pins 2 & 3 closed	pins 2 & 3 closed
> 33MHz	1 wait state	pins 1 & 2 closed	pins 1 & 2 closed