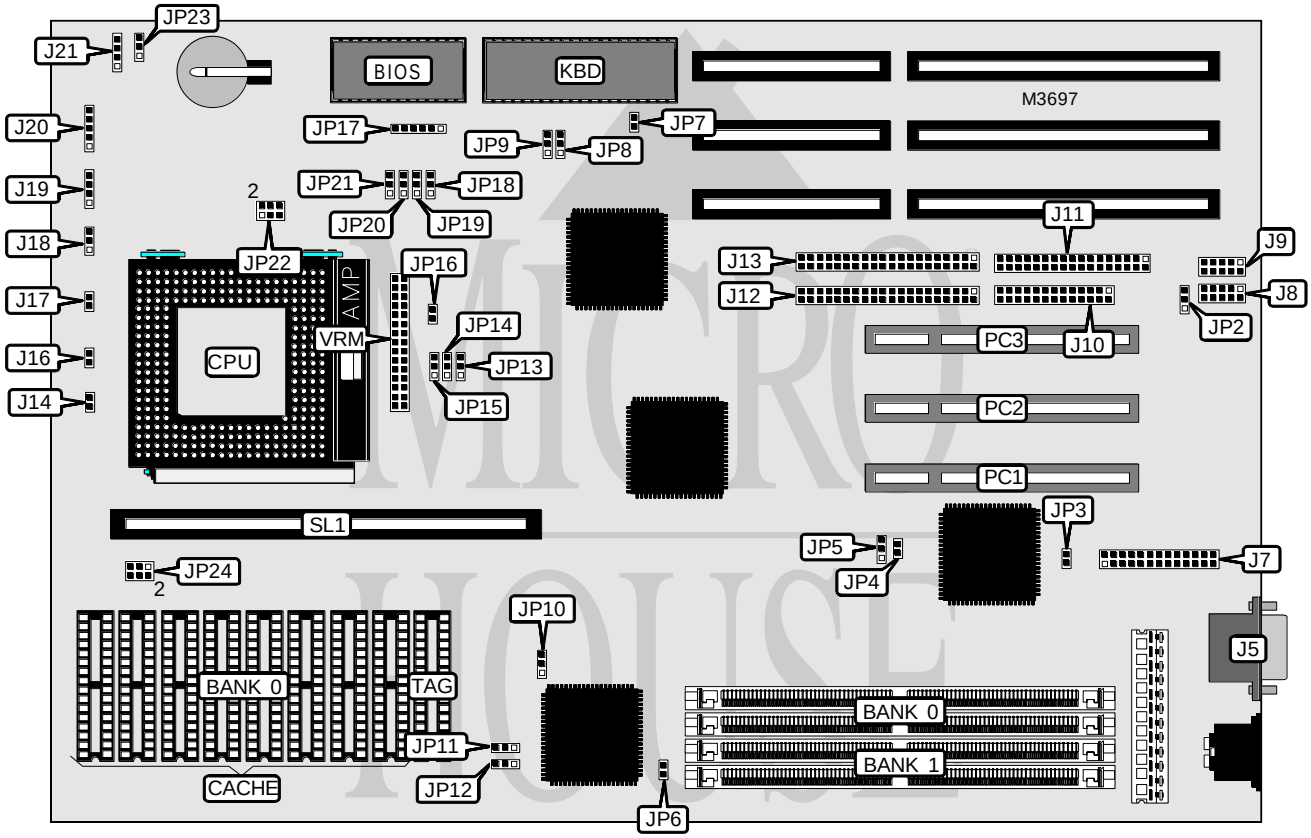
EFA CORPORATION
P 5 5 S V P I O

Processor	CX M1/Pentium
Processor Speed	75/90/100/120/133/150/166MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, serial ports (2), VGA feature connector, VGA port, cache slot, VRM connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VGA port	J5	Reset switch	J16
VGA feature connector	J7	Turbo LED	J17
Serial port 2	J8	Turbo switch	J18
Serial port 1	J9	Speaker	J19
Parallel port	J10	Power LED & keylock	J20
Floppy drive interface	J11	External battery	J21
IDE interface 1	J12	32-bit PCI slots	PC1 - PC3
IDE interface 2	J13	Cache slot	SL1
IDE interface LED	J14	VRM connector	VRM

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Chipset select SMC665	JP2	Pins 2 & 3 closed
Chipset select SMC669	JP2	Pins 1 & 2 closed
Monitor type select EGA/VGA	JP7	Open
Monitor type select monochrome	JP7	Closed
í Factory configured - do not alter	JP8	Pins 1 & 2 closed
í Factory configured - do not alter	JP9	Pins 1 & 2 closed
í Factory configured - do not alter	JP15	Pins 1 & 2 closed
BIOS type select flash BIOS	JP17	Pins 1 & 2, 5 & 6 closed
BIOS type select EPROM	JP17	Pins 2 & 3, 4 & 5 closed
í Factory configured - do not alter	JP20	Pins 2 & 3 closed
í Factory configured - do not alter	JP21	Pins 1 & 2 closed
í CMOS memory normal operation	JP23	Pins 1 & 2 closed
CMOS memory clear	JP23	Pins 2 & 3 closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
4MB	(2) 512K x 36	None
8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
12MB	(2) 1M x 36	(2) 512K x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
20MB	(2) 2M x 36	(2) 512K x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
36MB	(2) 4M x 36	(2) 512K x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
64MB	(2) 4M x 36	(2) 4M x 36
68MB	(2) 8M x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs. If using x 32 SIMMs, one module may be installed in the first socket on Bank 0 labeled SIMM 1.		

DRAM JUMPER CONFIGURATION	
Type	**JP6**
EDO	Closed
Fast page	Open

CACHE CONFIGURATION			
Size	**Bank 0**	**TAG**	**SL1**
256KB (A)	(8) 32K x 8	(1) 32K x 8	Not installed
256KB (B)	None	None	256KB module installed
512KB (A)	(8) 64K x 8	(1) 32K x 8	Not installed
512KB (B)	None	None	512KB module installed

CACHE JUMPER CONFIGURATION			
Size	**JP10**	**JP11**	**JP12**
256KB (A)	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Pins 2 & 3 closed	Open	Open
512KB (A)	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (B)	Pins 2 & 3 closed	Open	Open

CACHE VOLTAGE CONFIGURATION	
Voltage	**JP24**
Mixed	Pins 3 & 5, 4 & 6 closed
3.3v	Pins 1 & 3, 2 & 4 closed

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CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**JP13**	**JP14**	**JP18**	**JP19**
N/A	40MHz	N/A	1 & 2	1 & 2	N/A	N/A
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3
N/A	N/A	3x	N/A	N/A	2 & 3	1 & 2
N/A	N/A	3x	N/A	N/A	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU VOLTAGE SELECTION		
Voltage	**JP16**	**JP22**
3.3v	Open	Pins 1 & 2, 3 & 4, 5 & 6 closed
VRM installed	Closed	Open

ON BOARD VGA SELECTION			
Setting	**JP3**	**JP4**	**JP5**
Enabled	Closed	Closed	Pins 1 & 2 closed
Disabled	Open	Open	Pins 2 & 3 closed