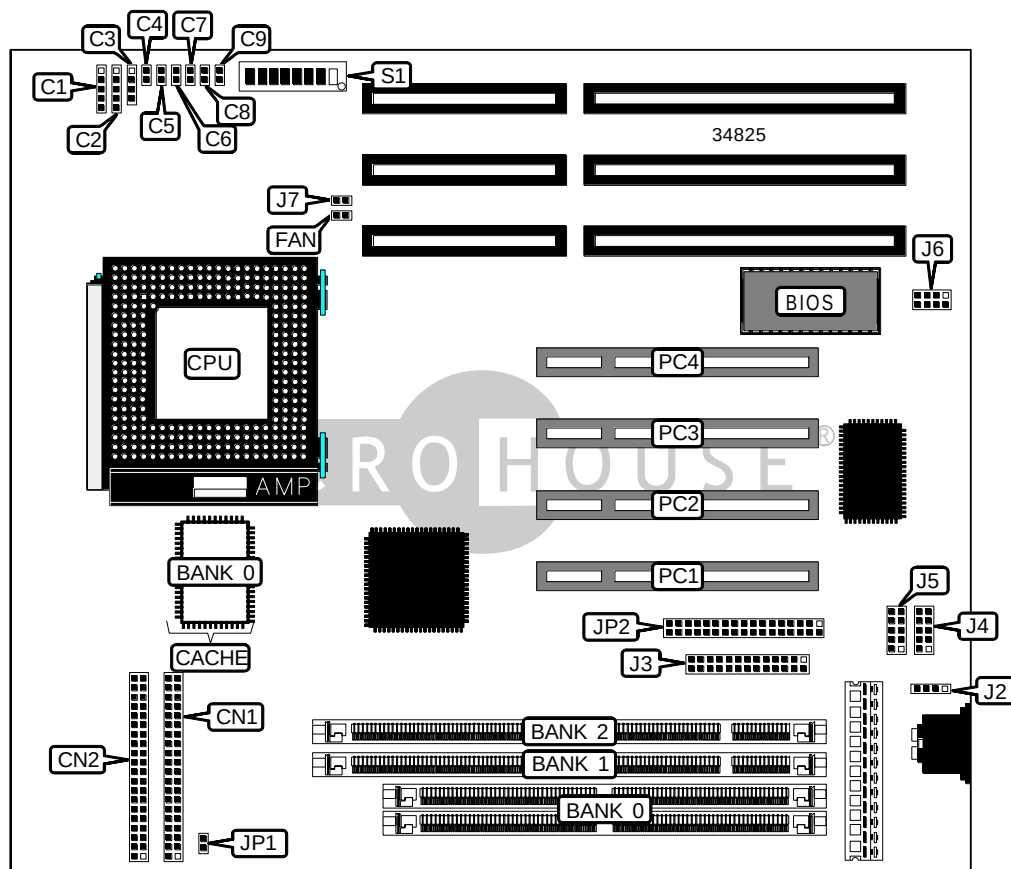


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GA - 586 S2

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/180/200/233MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IR connector	C1	IDE interface 2	CN2
Power LED & keylock	C2	Chassis fan power	FAN
Speaker	C3	PS/2 mouse interface	J2
Turbo LED	C4	Parallel port	J3
Turbo switch	C5	Serial port 2	J4
Reset switch	C6	Serial port 1	J5
Green PC LED	C7	USB connector	J6
Green PC connector	C8	Chassis fan power	J7
IDE interface LED	C9	Floppy drive interface	JP2
IDE interface 1	CN1	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	S1/8	Off

DIMM/ SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
8MB	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None
16MB	None	(1) 2M x 64	None
16MB	None	(1) 1M x 64	(1) 1M x 64
24MB	(2) 1M x 36	(1) 1M x 64	(1) 1M x 64
24MB	None	(1) 1M x 64	(1) 2M x 64
24MB	(2) 2M x 36	(1) 1M x 64	None
32MB	None	(1) 2M x 64	(1) 2M x 64
32MB	(2) 1M x 36	(1) 1M x 64	(1) 2M x 64
32MB	(2) 2M x 36	(1) 1M x 64	(1) 1M x 64
32MB	(2) 4M x 36	None	None
32MB	None	(1) 4M x 64	None
32MB	(2) 2M x 36	(1) 2M x 64	None
40MB	(2) 1M x 36	(1) 4M x 64	None
40MB	(2) 1M x 36	(1) 2M x 64	(1) 2M x 64
40MB	(2) 2M x 36	(1) 1M x 64	(1) 2M x 64
40MB	None	(1) 1M x 64	(1) 4M x 64
40MB	(2) 4M x 36	(1) 1M x 64	None
48MB	None	(1) 2M x 64	(1) 4M x 64

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DIMM/ SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
48MB	(2) 1M x 36	(1) 1M x 64	(1) 4M x 64
48MB	(2) 2M x 36	(1) 2M x 64	(1) 2M x 64
48MB	(2) 4M x 36	(1) 1M x 64	(1) 1M x 64
48MB	(2) 2M x 36	(1) 4M x 64	None
48MB	(2) 4M x 36	(1) 2M x 64	None
56MB	(2) 1M x 36	(1) 2M x 64	(1) 4M x 64
56MB	(2) 2M x 36	(1) 1M x 64	(1) 4M x 64
56MB	(2) 4M x 36	(1) 2M x 64	(1) 1M x 64
64MB	None	(1) 4M x 64	(1) 4M x 64
64MB	(2) 2M x 36	(1) 2M x 64	(1) 4M x 64
64MB	(2) 4M x 36	(1) 2M x 64	(1) 2M x 64
64MB	(2) 8M x 36	None	None
64MB	None	(1) 8M x 64	None
64MB	(2) 4M x 36	(1) 4M x 64	None
72MB	(2) 8M x 36	(1) 1M x 64	None
72MB	(2) 1M x 36	(1) 4M x 64	(1) 4M x 64
72MB	(2) 4M x 36	(1) 1M x 64	(1) 4M x 64
72MB	None	(1) 1M x 64	(1) 8M x 64
80MB	None	(1) 2M x 64	(1) 8M x 64
80MB	(2) 2M x 36	(1) 4M x 64	(1) 4M x 64
80MB	(2) 4M x 36	(1) 2M x 64	(1) 4M x 64
80MB	(2) 8M x 36	(1) 1M x 64	(1) 1M x 64
80MB	(2) 8M x 36	(1) 2M x 64	None
88MB	(2) 8M x 36	(1) 1M x 64	(1) 2M x 64
96MB	None	(1) 4M x 64	(1) 8M x 64
96MB	(2) 4M x 36	(1) 4M x 64	(1) 4M x 64
96MB	(2) 8M x 36	(1) 2M x 64	(1) 2M x 64
96MB	(2) 8M x 36	(1) 4M x 64	None
104MB	(2) 8M x 36	(1) 1M x 64	(1) 4M x 64
112MB	(2) 8M x 36	(1) 2M x 64	(1) 4M x 64
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(1) 4M x 64	(1) 4M x 64
128MB	None	(1) 8M x 64	(1) 8M x 64
136MB	(2) 16M x 36	(1) 1M x 64	None
144MB	(2) 16M x 36	(1) 2M x 64	None
144MB	(2) 16M x 36	(1) 1M x 64	(1) 1M x 64
152MB	(2) 16M x 36	(1) 1M x 64	(1) 2M x 64

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DIMM/ SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
160MB	(2) 16M x 36	(1) 2M x 64	(1) 2M x 64
160MB	(2) 16M x 36	(1) 4M x 64	None
168MB	(2) 16M x 36	(1) 1M x 64	(1) 4M x 64
176MB	(2) 16M x 36	(1) 2M x 64	(1) 4M x 64
192MB	(2) 16M x 36	(1) 4M x 64	(1) 4M x 64
200MB	(2) 16M x 36	(1) 8M x 64	(1) 1M x 64
208MB	(2) 16M x 36	(1) 8M x 64	(1) 2M x 64
224MB	(2) 16M x 36	(1) 8M x 64	(1) 4M x 64
256MB	(2) 16M x 36	(1) 8M x 64	(1) 8M x 64
272MB	(2) 32M x 36	(1) 1M x 64	(1) 1M x 64
280MB	(2) 32M x 36	(1) 1M x 64	(1) 2M x 64
288MB	(2) 32M x 36	(1) 2M x 64	(1) 2M x 64
296MB	(2) 32M x 36	(1) 1M x 64	(1) 4M x 64
304MB	(2) 32M x 36	(1) 2M x 64	(1) 4M x 64
320MB	(2) 32M x 36	(1) 4M x 64	(1) 4M x 64
328MB	(2) 32M x 36	(1) 1M x 64	(1) 8M x 64
336MB	(2) 32M x 36	(1) 2M x 64	(1) 8M x 64
352MB	(2) 32M x 36	(1) 4M x 64	(1) 8M x 64
384MB	(2) 32M x 36	(1) 8M x 64	(1) 8M x 64

CACHE CONFIGURATION	
Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
150MHz	60MHz	2x	Open	On	On	Off
166MHz	66MHz	2x	Open	Off	On	Off
200MHz	75MHz	2x	Closed	Off	On	Off

CPU SPEED SELECTION (IBM 6X86)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
150MHz	60MHz	2x	Open	On	On	Off
166MHz	66MHz	2x	Open	Off	On	Off
200MHz	75MHz	2x	Closed	Off	On	Off

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CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
150MHz	60MHz	2x	Open	On	On	Off
166MHz	66MHz	2x	Open	Off	On	Off
200MHz	75MHz	2x	Closed	Off	On	Off

CPU SPEED SELECTION (IBM 6X86L)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
150MHz	60MHz	2x	Open	On	On	Off
166MHz	66MHz	2x	Open	Off	On	Off
200MHz	75MHz	2x	Closed	Off	On	Off

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
166MHz	60MHz	2.5x	Open	On	On	On
200MHz	66MHz	2.5x	Open	Off	On	On
200MHz	75MHz	2x	Closed	Off	On	Off
233MHz	66MHz	3x	Open	Off	Off	On
233MHz	75MHz	2.5x	Closed	Off	On	On

CPU SPEED SELECTION (IBM 6X86MX)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
166MHz	60MHz	2.5x	Open	On	On	On
200MHz	66MHz	2.5x	Open	Off	On	On
200MHz	75MHz	2x	Closed	Off	On	Off
233MHz	66MHz	3x	Open	Off	Off	On
233MHz	75MHz	2.5x	Closed	Off	On	On

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
133MHz	66MHz	2x	Open	Off	On	Off
166MHz	66MHz	2.5x	Open	Off	On	On

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
166MHz	66MHz	2.5x	Open	Off	On	On
180MHz	60MHz	3x	Open	On	Off	On
200MHz	66MHz	3x	Open	Off	Off	On
233MHz	66MHz	3.5x	Open	Off	Off	Off

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CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
90MHz	60MHz	1.5x	Open	On	Off	Off
100MHz	66MHz	1.5x	Open	Off	Off	Off
120MHz	60MHz	2x	Open	On	On	Off
133MHz	66MHz	2x	Open	Off	On	Off
150MHz	60MHz	2.5x	Open	On	On	On
166MHz	66MHz	2.5x	Open	Off	On	On
180MHz	60MHz	3x	Open	On	Off	On
200MHz	66MHz	3x	Open	Off	Off	On

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	JP1	S1/1	S1/2	S1/3
150MHz	60MHz	2.5x	Open	On	On	On
166MHz	66MHz	2.5x	Open	Off	On	On
200MHz	66MHz	3x	Open	Off	Off	On
233MHz	66MHz	3.5x	Open	Off	Off	Off

CPU VOLTAGE SELECTION				
Voltage	S1/4	S1/5	S1/6	S1/7
Auto	Off	Off	Off	On
2.0	Off	Off	Off	Off
2.1	Off	Off	On	Off
2.2	Off	On	Off	Off
2.3	Off	On	On	Off
2.4	On	Off	Off	Off
2.5	On	Off	On	Off
2.6	On	On	Off	Off
2.7	On	On	On	Off
2.8	Off	Off	Off	On
2.9	Off	Off	On	On
3.0	Off	On	Off	On
3.1	Off	On	On	On
3.2	On	Off	Off	On
3.3	On	Off	On	On
3.4	On	On	Off	On
3.5	On	On	On	On