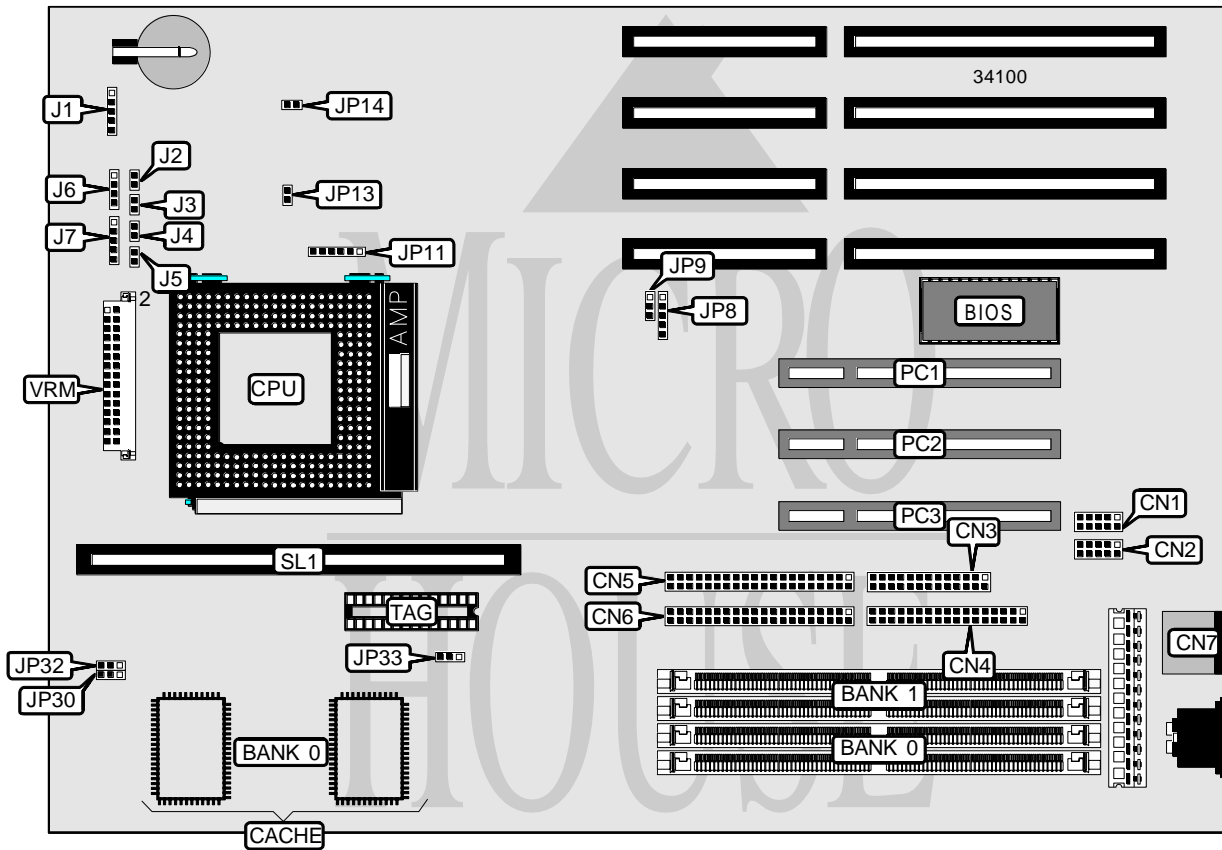


GENOA SYSTEMS CORPORATION TURBOEXPRESS 586-FX

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, VRM connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	Turbo LED	J3
Serial port 1	CN2	Green PC connector	J4
Parallel port	CN3	IDE interface LED	J5
Floppy drive interface	CN4	Speaker	J6
IDE interface 2	CN5	Power LED & keylock	J7
IDE interface 1	CN6	32-bit PCI slots	PC1 - PC3
PS/2 mouse port	CN7	Cache slot	SL1
IR connector	J1	VRM connector	VRM
Reset switch	J2		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP14	Open
CMOS memory clear	JP14	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M 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
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M 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. Banks are interchangeable.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB (A)	(2) 32K x 32	Not installed	(1) 8K/16K/32K x 8
256KB (B)	None	256KB module installed	None
512KB (A)	(2) 32K x 32	256KB module installed	(1) 8K/16K/32K x 8
512KB (B)	None	512KB module installed	None

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CACHE JUMPER CONFIGURATION			
Size	JP30	JP32	JP33
256KB (A)	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (A)	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (B)	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	JP8	JP9	JP11
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2, 5 & 6
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2, 5 & 6
100MHz	66MHz	1.5x	1 & 2, 4 & 5	2 & 3	1 & 2, 5 & 6
120MHz	60MHz	2x	2 & 3	2 & 3	2 & 3, 5 & 6
133MHz	66MHz	2x	1 & 2, 4 & 5	2 & 3	2 & 3, 5 & 6
150MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3, 4 & 5
166MHz	66MHz	2.5x	1 & 2, 4 & 5	2 & 3	2 & 3, 4 & 5
180MHz	60MHz	3x	2 & 3	2 & 3	1 & 2, 4 & 5
200MHz	66MHz	3x	1 & 2, 4 & 5	2 & 3	1 & 2, 4 & 5

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	VRM
P54C/P54CT/P54CTB	Pins 11 & 13, 12 & 14 closed
P55C	VRM installed

CPU VOLTAGE SELECTION	
Voltage	JP13
3.3v	Open
3.45v - 3.6v	Closed