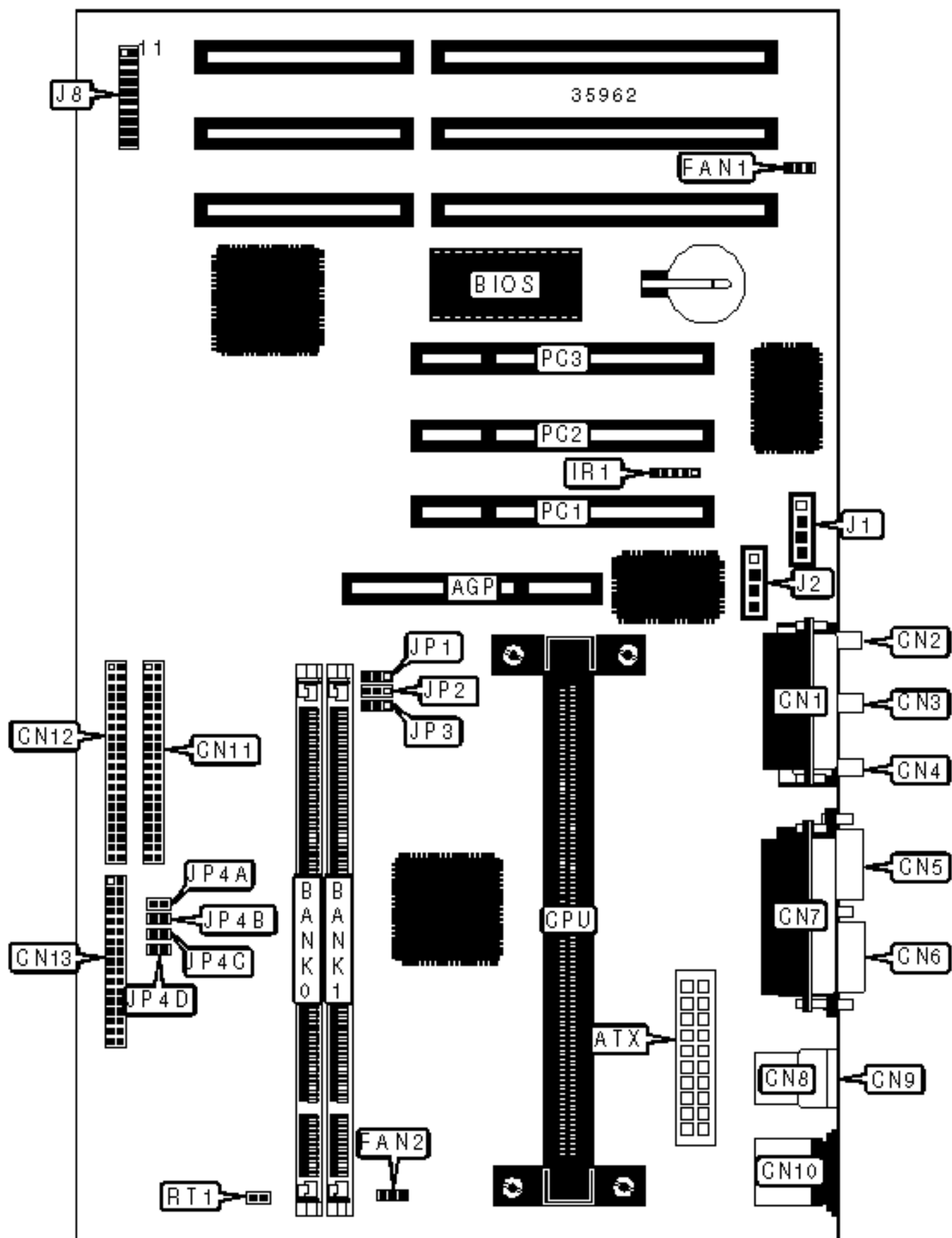


DATAEXPERT CORPORATION

MEX8440-S

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	FAN1
ATX power connector	ATX	CPU fan power	FAN2
Game/MIDI port	CN1	IR connector	IR1
Microphone in	CN2	Audio in - CD-ROM	J1
Line in	CN3	Audio in - CD-ROM	J2
Line out	CN4	Power LED & keylock	J8/pins 1 - 5
Serial port 2	CN5	IDE interface LED	J8/pins 6 & 16
Serial port 1	CN6	Green PC LED	J8/pins 7 & 17
Parallel port	CN7	Green PC connector	J8/pins 8 & 18
USB connector 1	CN8	Soft off power supply	J8/pins 9 & 19
USB connector 2	CN9	Reset switch	J8/pins 10 & 20
PS/2 mouse port	CN10	Speaker	J8/pins 11 - 14
IDE interface 2	CN11	Thermistor connector	RT1
IDE interface 1	CN12	32-bit PCI slots	PC1 - PC3
Floppy drive interface	CN13	5v power	

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64

40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.		

Cache Configuration
256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

CPU Speed Selection					
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3
233MHz	66MHz	3.5x	2 & 3	2 & 3	2 & 3
266MHz	66MHz	4x	2 & 3	2 & 3	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3
333MHz	66MHz	5x	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (CON'T)						
CPU speed	Clock speed	Multiplier	JP4A	JP4B	JP4C	JP4D
233MHz	66MHz	3.5x	Open	Open	Closed	Open
266MHz	66MHz	4x	Closed	Closed	Open	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
333MHz	66MHz	5x	Closed	Open	Open	Closed