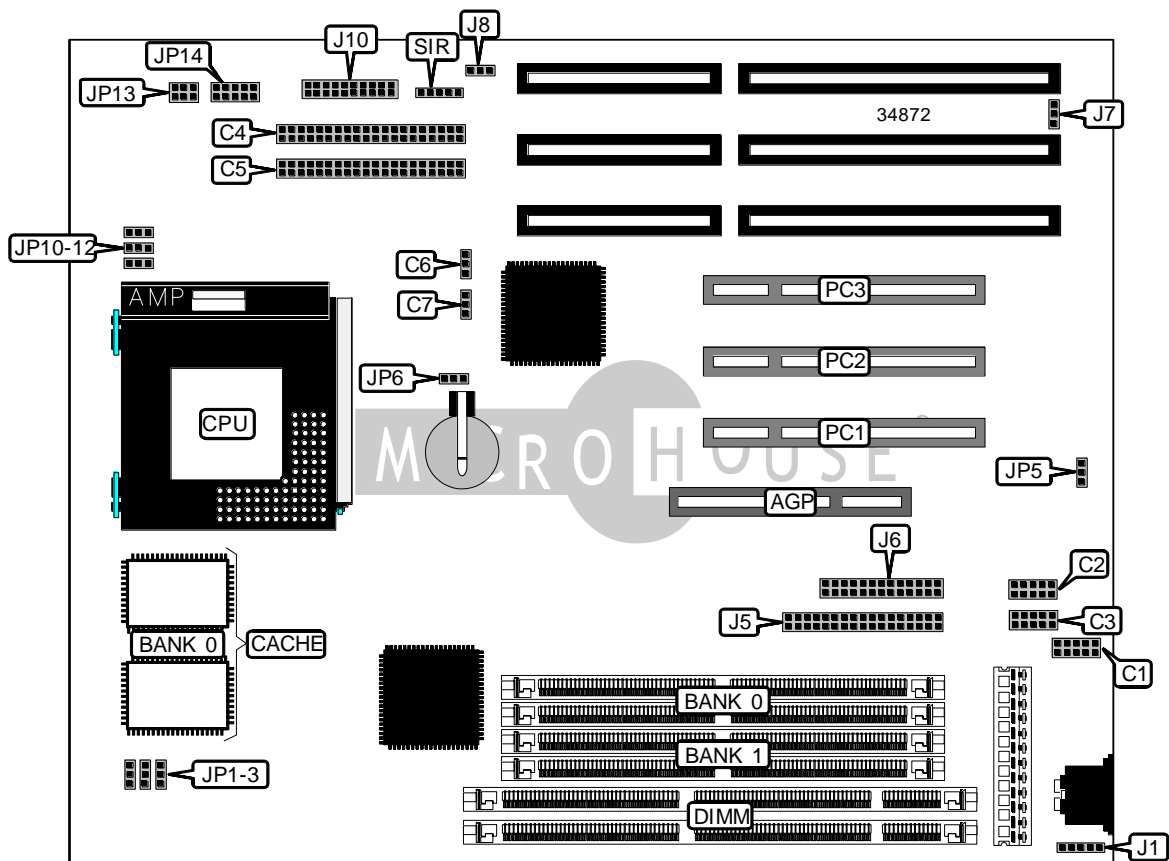


ELITEGROUP COMPUTER SYSTEMS, INC.

P 5 S D - B

| | |
|-------------------------------|--|
| Device Type | Mainboard |
| Processor | CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium |
| Processor Speed | 90/100/120/133/150/166/180/200/233/266MHz |
| Chip Set | SIS |
| Video Chip Set | None |
| Maximum Onboard Memory | 384MB (EDO & SDRAM supported) |
| Maximum Video Memory | None |
| Cache | 512KB |
| BIOS | Unidentified |
| Dimensions | 254mm x 218mm |
| I/O Options | 32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, AGP slot |
| NPU Options | None |



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| CONNECTIONS | | | |
|------------------------|----------|--------------------|----------------------|
| Purpose | Location | Purpose | Location |
| AGP slot | AGP | Wake on LAN | J7 |
| USB connector | C1 | Wake on modem | J8 |
| Serial port 2 | C2 | Power LED | J10/pins 2/4/6 |
| Serial port 1 | C3 | IDE interface LED | J10/pins 3 & 5 |
| IDE interface 1 | C4 | Green PC connector | J10/pins 7 & 9 |
| IDE interface 2 | C5 | Keylock | J10/pins 8 & 10 |
| Chassis fan power | C6 | Speaker | J10/pins 14/16/18/20 |
| CPU fan power | C7 | Reset switch | J10/pins 17 & 19 |
| PS/2 mouse interface | J1 | 32-bit PCI slots | PC1 – PC3 |
| Floppy drive interface | J5 | IR connector | SIR |
| Parallel port | J6 | | |

| USER CONFIGURABLE SETTINGS | | |
|--------------------------------|-------|-------------------|
| Function | Label | Position |
| í Power supply select AT | JP5 | Pins 2 & 3 closed |
| Power supply select ATX | JP5 | Pins 1 & 2 closed |
| í CMOS memory normal operation | JP6 | Pins 1 & 2 closed |
| CMOS memory clear | JP6 | Pins 2 & 3 closed |

| SIMM 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 |
| 128MB | (2) 16M x 36 | None |

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| SIMM CONFIGURATION (CON'T) | | |
|----------------------------|--------------|--------------|
| Size | Bank 0 | Bank 1 |
| 136MB | (2) 16M x 36 | (2) 1M x 36 |
| 144MB | (2) 16M x 36 | (2) 2M x 36 |
| 160MB | (2) 16M x 36 | (2) 4M x 36 |
| 192MB | (2) 16M x 36 | (2) 8M x 36 |
| 256MB | (2) 16M x 36 | (2) 16M x 36 |

Note: Board accepts EDO memory. Do not install SIMMs & DIMMs at the same time.

| DIMM CONFIGURATION | | |
|--------------------|--------------|--------------|
| Size | Bank 2 | Bank 3 |
| 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 SDRAM memory.

| CACHE CONFIGURATION | |
|---------------------|--------------|
| Size | Bank 0 |
| 512KB | (2) 64K x 32 |

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| CPU SPEED SELECTION (CX 6X86) | | | | | | | | |
|-------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 150MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 166MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 200MHz | 75MHz | 2x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (IBM 6X86) | | | | | | | | |
|--------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 150MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 166MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 200MHz | 75MHz | 2x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (CX 6X86L) | | | | | | | | |
|--------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 150MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 166MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 200MHz | 75MHz | 2x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (IBM 6X86L) | | | | | | | | |
|---------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 150MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 166MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 200MHz | 75MHz | 2x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (CX 6X86MX) | | | | | | | | |
|---------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 166MHz | 60MHz | 2.5x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 200MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 233MHz | 66MHz | 3x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | Open |
| 233MHz | 75MHz | 2.5x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 266MHz | 75MHz | 3x | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | Open |

Note: Pins designated should be in the closed position.

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| CPU SPEED SELECTION (IBM 6X86MX) | | | | | | | | |
|----------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 166MHz | 60MHz | 2.5x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 200MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 233MHz | 66MHz | 3x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | Open |
| 233MHz | 75MHz | 2.5x | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 266MHz | 75MHz | 3x | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (AM K5) | | | | | | | | |
|-----------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 90MHz | 60MHz | 1.5x | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |
| 100MHz | 66MHz | 1.5x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |
| 120MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 133MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 150MHz | 60MHz | 2.5x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 166MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (AM K6) | | | | | | | | |
|-----------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 166MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 200MHz | 66MHz | 3x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | Open |
| 233MHz | 66MHz | 3.5x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED SELECTION (INTEL) | | | | | | | | |
|-----------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 90MHz | 60MHz | 1.5x | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |
| 100MHz | 66MHz | 1.5x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |
| 120MHz | 60MHz | 2x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 133MHz | 66MHz | 2x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 150MHz | 60MHz | 2.5x | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 166MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 200MHz | 66MHz | 3x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | Open |
| 233MHz | 66MHz | 3.5x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

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| CPU SPEED SELECTION (INTEL MMX) | | | | | | | | |
|---------------------------------|-------------|------------|-------|-------|-------|-------|-------|------|
| CPU speed | Clock speed | Multiplier | JP1 | JP2 | JP3 | JP10 | JP11 | JP12 |
| 166MHz | 66MHz | 2.5x | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 200MHz | 66MHz | 3x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | Open |
| 233MHz | 66MHz | 3.5x | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU VOLTAGE SELECTION (SINGLE) | |
|--------------------------------|-------------------|
| Voltage | JP13 |
| 3.3v | Pins 5 & 6 closed |
| 3.54v | Pins 3 & 4 closed |

| CPU VOLTAGE SELECTION (DUAL) | | | | | |
|------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Voltage | JP14/pins 1 & 2 | JP14/pins 3 & 4 | JP14/pins 5 & 6 | JP14/pins 7 & 8 | JP14/pins 9 & 10 |
| 1.8v | Closed | Closed | Open | Closed | Open |
| 2.0v | Closed | Closed | Closed | Closed | Open |
| 2.2v | Open | Open | Open | Closed | Open |
| 2.5v | Open | Open | Closed | Open | Closed |
| 2.8v | Open | Closed | Open | Open | Open |
| 2.9v | Open | Closed | Open | Open | Closed |
| 3.1v | Open | Closed | Open | Closed | Closed |
| 3.3v | Open | Closed | Closed | Open | Closed |
| 3.5v | Open | Closed | Closed | Closed | Closed |