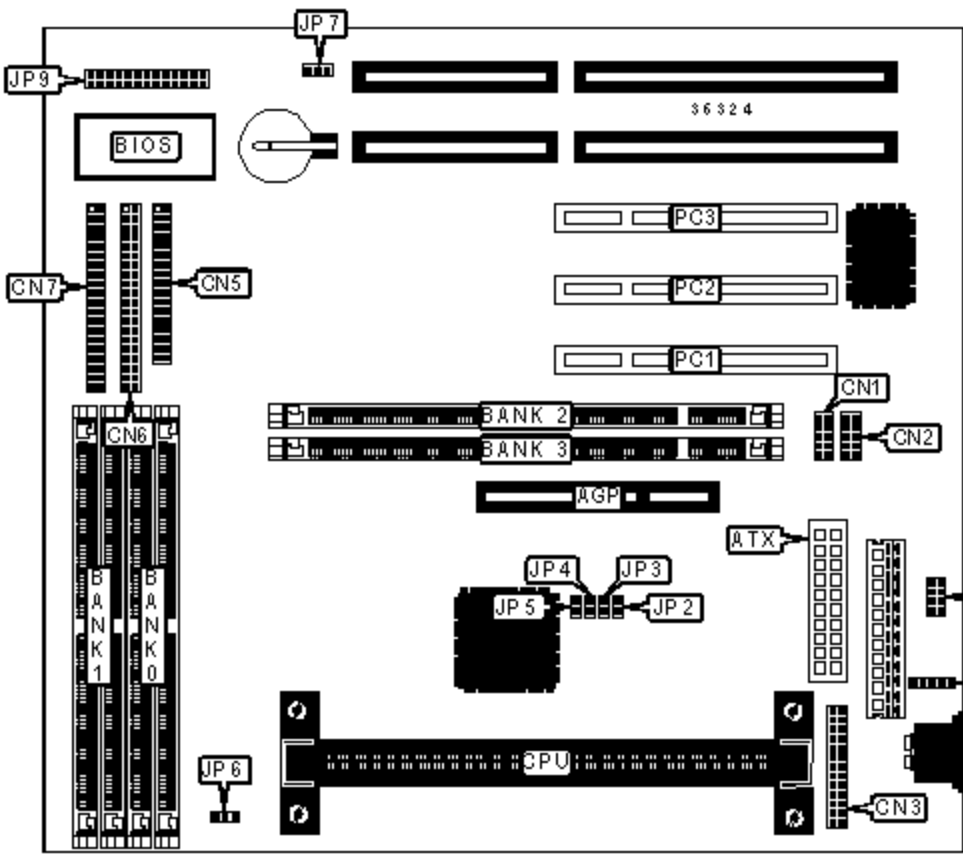


PROCOMP INFORMATICS, LTD.

B681

| | |
|-------------------------------|---|
| Device Type | Mainboard |
| Processor | Pentium II |
| Processor Speed | 233/266/300/333MHz |
| Chip Set | Intel 440EX |
| Maximum Onboard Memory | 256MB (SDRAM supported) |
| Cache | 256/512KB (located on Pentium II CPU) |
| BIOS | Award |
| Dimensions | 250mm x 220mm |
| 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, ATX power connector, AGP slot |



CONNECTIONS

| Purpose | Location | Purpose | Location |
|---------------------|----------|----------------------|------------------|
| AGP slot | AGP | PS/2 mouse interface | J2 |
| ATX power connector | ATX | CPU fan power | JP6 |
| Serial port 2 | CN1 | Green PC connector | JP9/pins 1 & 3 |
| Serial port 1 | CN2 | Speaker | JP9/pins 2/4/6/8 |
| Parallel port | CN3 | Green PC LED | JP9/pins 7 & 9 |
| USB connector | CN4 | Reset switch | JP9/pins 12 & 14 |

| | | | |
|------------------------|-----|-----------------------|-------------------------|
| Floppy drive interface | CN5 | Soft off power supply | JP9/pins 13 & 15 |
| IDE interface 2 | CN6 | Power LED & keylock | JP9/pins 18/20/22/24/26 |
| IDE interface 1 | CN7 | IDE interface LED | JP9/pins 23 & 25 |
| IR connector | IR1 | 32-bit PCI slots | PC1 - PC3 |

Note: The location of IR1 is unidentified.

USER CONFIGURABLE SETTINGS

| Function | | Label | Position |
|----------|------------------------------|-------|-------------------|
| » | CMOS memory normal operation | JP7 | Pins 1 & 2 closed |
| | CMOS memory clear | JP7 | 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 |

| | | |
|-------|--------------|--------------|
| 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 |

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

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

| CPU speed | Clock speed | Multiplier | JP2 | JP3 | JP4 | JP5 |
|-----------|-------------|------------|--------|--------|--------|--------|
| 233MHz | 66MHz | 3.5x | Closed | Open | Open | Closed |
| 266MHz | 66MHz | 4x | Open | Closed | Closed | Closed |
| 300MHz | 66MHz | 4.5x | Open | Closed | Open | Closed |
| 333MHz | 66MHz | 5x | Open | Open | Closed | Closed |