# A-TREND TECHNOLOGY CORPORATION
# A T C - 6 0 2 0

| | |
|---|---|
| **Processor** | Pentium Pro |
| **Processor Speed** | 150/166/180/200MHz |
| **Chip Set** | Intel |
| **Video Chip Set** | None |
| **Maximum Onboard Memory** | 256MB (EDO supported) |
| **Maximum Video Memory** | None |
| **Cache** | 256/512KB (located on Pentium Pro CPU) |
| **BIOS** | Award |
| **Dimensions** | 305mm x 244mm |
| **I/O Options** | 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector, ATX power connector |
| **NPU Options** | None |
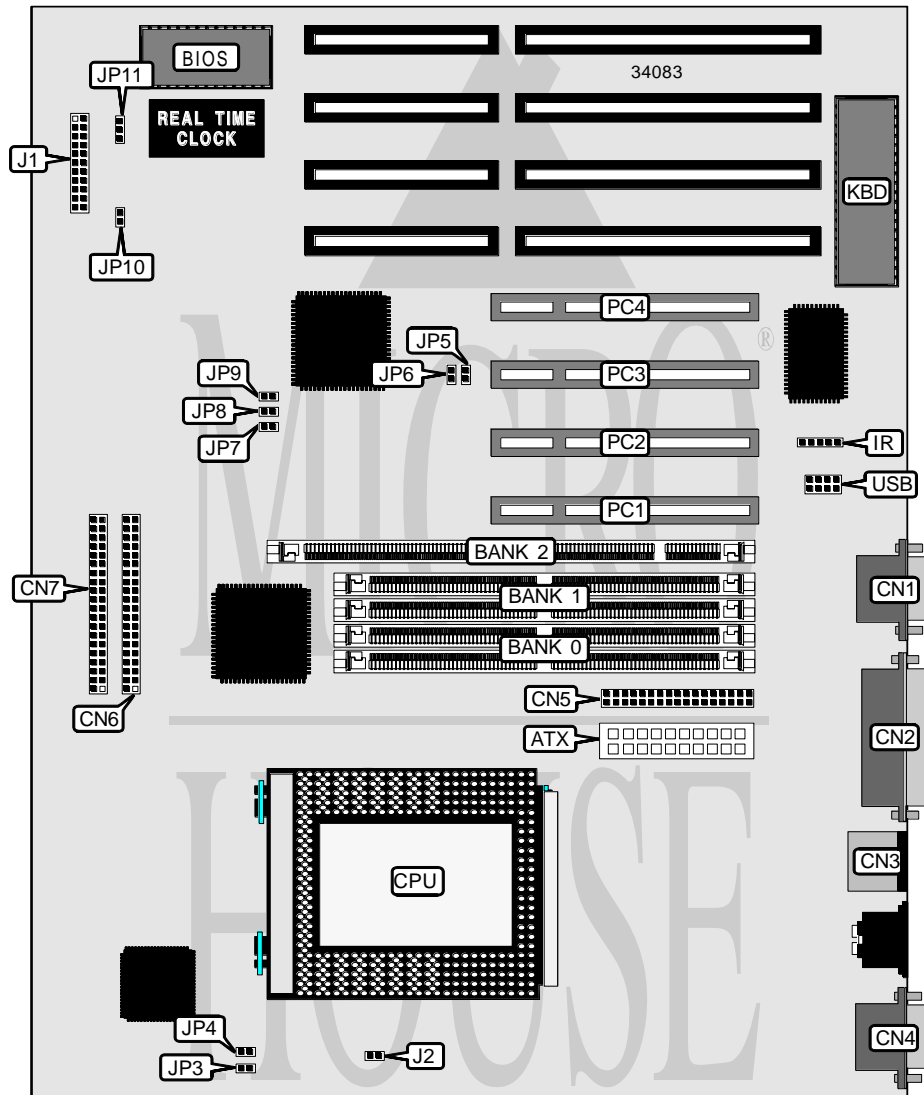
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# ATC-6020

| CONNECTIONS | | | |
|---|---|---|---|
| **Purpose** | **Location** | **Purpose** | **Location** |
| ATX power connector | ATX | Green PC connector | J1 pins 4 & 5 |
| Serial port 2 | CN1 | Turbo LED | J1 pins 7 & 8 |
| Parallel port | CN2 | IDE interface LED | J1 pins 10 & 11 |
| PS/2 mouse port | CN3 | Speaker | J1 pins 12 - 15 |
| Serial port 1 | CN4 | Power LED & keylock | J1 pins 17 - 21 |
| Floppy drive interface | CN5 | Soft off power supply | J2 |
| IDE interface 2 | CN6 | Chassis fan power | JP11 |
| IDE interface 1 | CN7 | 32-bit PCI slots | PC1 – PC4 |
| IR connector | IR | USB connector | USB |
| Reset switch | J1 pins 1 & 2 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| **Function** | **Label** | **Position** |
| í  CMOS memory normal operation | JP10 | Open |
| CMOS memory clear | JP10 | Closed |

| DIMM CONFIGURATION | |
|---|---|
| **Size** | **Bank 2** |
| 8MB | (1) 1M x 64 |
| 16MB | (1) 2M x 64 |
| 32MB | (1) 4M x 64 |
| 64MB | (1) 8M x 64 |
| Note:  Do not install DIMM and SIMM at the same time. | |

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

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| DRAM 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.  Banks are interchangeable. | | |

| CACHE CONFIGURATION |
|---|
| Note:  256KB/512KB cache is located on the Pentium Pro CPU. |

| CPU SPEED SELECTION | | | | | | |
|---|---|---|---|---|---|---|
| **CPU speed** | **Clock speed** | **Multiplier** | **JP3** | **JP4** | **JP5** | **JP6** |
| 150MHz | 60MHz | 2.5x | Open | Closed | Closed | Open |
| 166MHz | 66MHz | 2.5x | Closed | Open | Open | Closed |
| 180MHz | 60MHz | 3x | Open | Closed | Closed | Open |
| 200MHz | 66MHz | 3x | Closed | Open | Open | Closed |

| CPU SPEED SELECTION (CON'T) | | | | | |
|---|---|---|---|---|---|
| **CPU speed** | **Clock speed** | **Multiplier** | **JP7** | **JP8** | **JP9** |
| 150MHz | 60MHz | 2.5x | Closed | Closed | Open |
| 166MHz | 66MHz | 2.5x | Closed | Closed | Open |
| 180MHz | 60MHz | 3x | Closed | Open | Closed |
| 200MHz | 66MHz | 3x | Closed | Open | Closed |