# ACER, INC.
# V20-486 ALL IN ONE

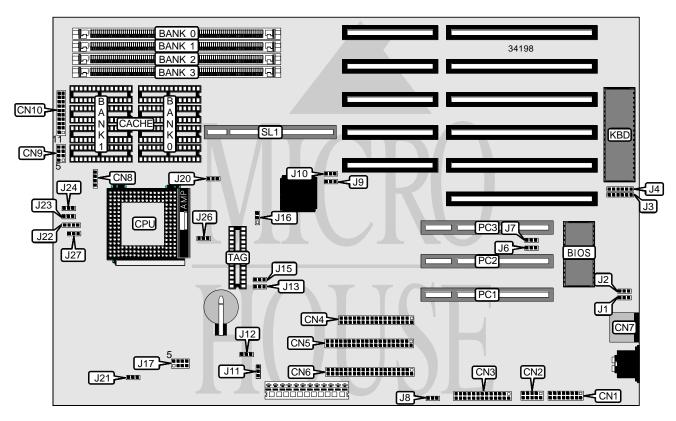| | |
|---|---|
| **Processor** | AM486/80486SX/80486DX/80486DX2/80486DX4/P24D/P24T |
| **Processor Speed** | 25/33/50(internal)/66(internal)/75(internal)/100(internal)MHz |
| **Chip Set** | ALI |
| **Video Chip Set** | None |
| **Maximum Onboard Memory** | Unidentified |
| **Maximum Video Memory** | None |
| **Cache** | 128/256/512KB |
| **BIOS** | Acer |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit VESA local bus slot, 32-bit PCI slots (2), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2) |
| **NPU Options** | None |

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| CONNECTIONS | | | |
|---|---|---|---|
| **Purpose** | **Location** | **Purpose** | **Location** |
| Serial port 2 | CN1 | Reset switch | CN9 pins 7 & 8 |
| Serial port 1 | CN2 | Power LED & keylock | CN10 pins 1 - 5 |
| Parallel port | CN3 | Speaker | CN10 pins 7 - 10 |
| Floppy drive interface | CN4 | Turbo LED | CN10 pins 12 & 13 |
| IDE interface 1 | CN5 | Turbo switch | CN10 pins 15 - 17 |
| IDE interface 2 | CN6 | Reset switch | CN10 pins 19 & 20 |
| PS/2 mouse port | CN7 | 32-bit PCI slots | PC11 – PC3 |
| IDE interface LED | CN8 | 32-bit VESA local bus slot | SL1 |
| Power LED & keylock | CN9 pins 1 - 4 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| **Function** | **Label** | **Position** |
| í  Password enabled | J1 | Pins 1 & 2 closed |
| Password disabled | J1 | Pins 2 & 3 closed |
| í  BIOS type select Acer | J2 | Pins 1 & 2 closed |
| BIOS type select OEM | J2 | Pins 2 & 3 closed |
| í  Factory configured - do not alter | J3 | Pins 3 & 4 closed |
| í  Factory configured - do not alter | J4 | Closed |
| í  Factory configured - do not alter | J6 | Pins 2 & 3 closed |
| í  Factory configured - do not alter | J7 | Pins 2 & 3 closed |
| í  M5115 I/O enabled | J8 | Pins 1 & 2 closed |
| M5115 I/O disabled | J8 | Pins 2 & 3 closed |
| í  Factory configured - do not alter | J10 | Pins 1 & 2 closed |
| í  Local bus IDE I/O address select 0FXH | J11 | Pins 1 & 2 closed |
| Local bus IDE I/O address select 07XH | J11 | Pins 2 & 3 closed |
| í  Local bus IDE enabled | J12 | Pins 2 & 3 closed |
| Local bus IDE disabled | J12 | Pins 1 & 2 closed |
| í  Reset switch enabled | J23 | Pins 1 & 2 closed |
| Reset switch disabled | J23 | Pins 2 & 3 closed |
| í  Green PC connector disabled | J24 | Pins 1 & 2 closed |
| Green PC connector enabled | J24 | Pins 2 & 3 closed |

| DRAM CONFIGURATION |
|---|
| Note:  The maximum amount of memory is unidentified. |

| CACHE CONFIGURATION | | | |
|---|---|---|---|
| **Size** | **Bank 0** | **Bank 1** | **TAG** |
| 128KB | (4) 32K x 8 | None | (1) 32K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (1) 32K x 8 |
| 512KB | (4) 128K x 8 | None | (1) 32K x 8 |

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| CACHE JUMPER CONFIGURATION | | | |
|---|---|---|---|
| **Size** | **J13** | **J15** | **J16** |
| 128KB | Pins 2 & 3 closed | Pins 2 & 3 closed | Pins 1 & 2 closed |
| 256KB | Pins 2 & 3 closed | Pins 1 & 2 closed | Pins 2 & 3 closed |
| 512KB | Pins 1 & 2 closed | Pins 1 & 2 closed | Pins 1 & 2 closed |

| CPU SPEED SELECTION | | |
|---|---|---|
| **Speed** | **JP17** | **JP21** |
| 25MHz | Pins 1 & 5 closed | Pins 2 & 3 closed |
| 33MHz | Pins 2 & 6 closed | Pins 2 & 3 closed |
| 50iMHz | Pins 1 & 5 closed | Pins 2 & 3 closed |
| 66iMHz | Pins 2 & 6 closed | Pins 2 & 3 closed |
| 75iMHz | Pins 1 & 5 closed | Pins 2 & 3 closed |
| 100iMHz | Pins 2 & 6 closed | Pins 2 & 3 closed |

| CPU TYPE SELECTION | | |
|---|---|---|
| **Type** | **J9** | **J20** |
| Intel S-series | Pins 2 & 3 closed | Pins 1 & 2 closed |
| P24D | Pins 1 & 2 closed | Pins 2 & 3 closed |
| P24T | Pins 1 & 2 closed | Pins 2 & 3 closed |

| CPU TYPE SELECTION | | |
|---|---|---|
| **Type** | **J26** | **J27** |
| Intel | Pins 1 & 2 closed | Pins 1 & 2 closed |
| AMD | Pins 2 & 3 closed | Pins 2 & 3 closed |

| CPU MULTIPLIER SELECTION | |
|---|---|
| **Multiplier** | **J22** |
| 2x | Pins 3 & 4 closed |
| 2.5x | Pins 2 & 3 closed |
| 3x | Pins 1 & 2 closed |