# ELITEGROUP COMPUTER SYSTEMS, INC.
# UM 486V

| | |
|---|---|
| **Processor** | 80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive |
| **Processor Speed** | 25/33/50(internal)/50/66(internal)MHz |
| **Chip Set** | UMC |
| **Max. Onboard DRAM** | 32MB |
| **Cache** | 64/128/256KB |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit VESA local bus slots (2) |
| **NPU Options** | None |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| External battery | J1 | Reset switch | J12 |
| Power LED & keylock | J4 | Speaker | J13 |
| Turbo LED | J10 | 32-bit VESA Local bus slot | S1 |
| Turbo switch | J11 | 32-bit VESA Local bus slot | S2 |
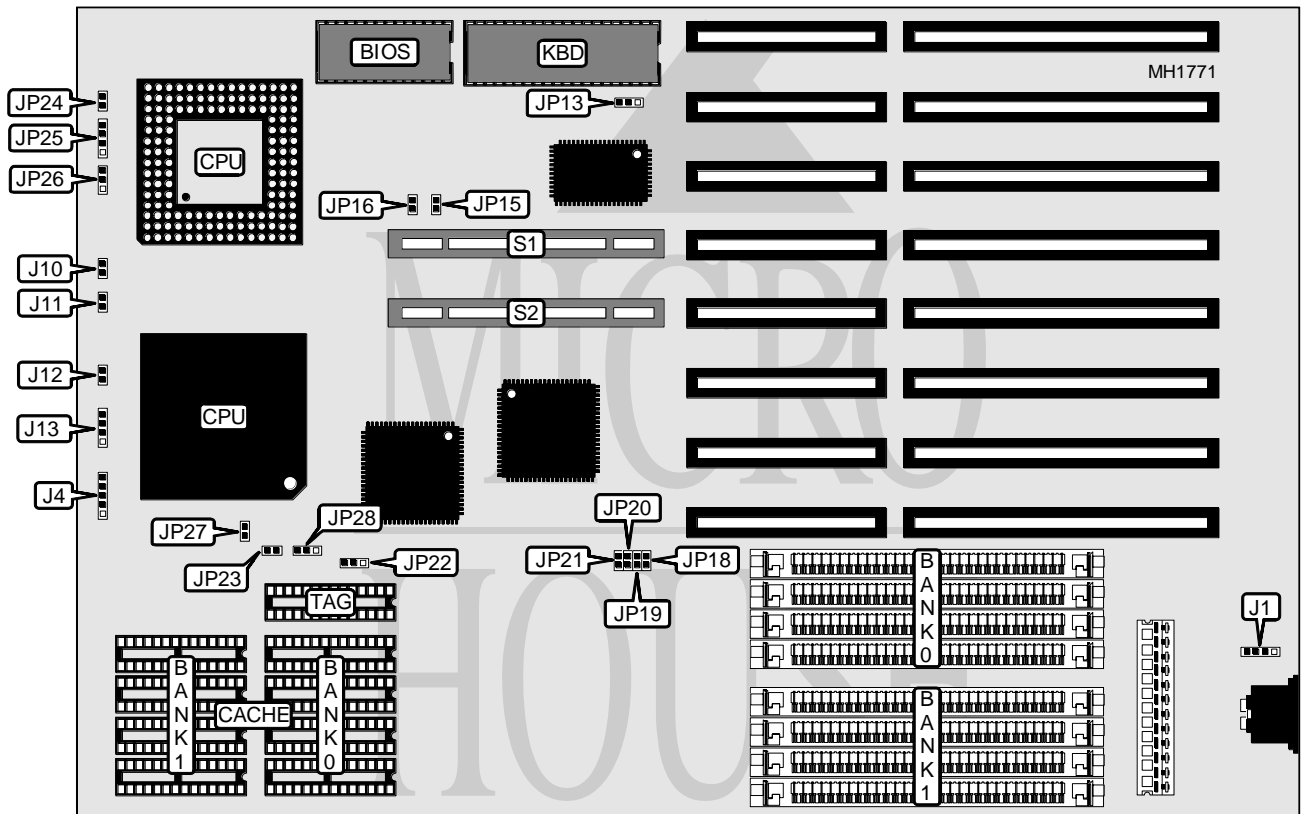
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Monitor type select color | JP13 | pins 2 & 3 closed |
| Monitor type select monochrome | JP13 | pins 1 & 2 closed |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 1MB | (4) 256K x 9 | NONE |
| 2MB | (4) 256K x 9 | (4) 256K x 9 |
| 4MB | (4) 1M x 9 | NONE |
| 5MB | (4) 256K x 9 | (4) 1M x 9 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 20MB | (4) 1M x 9 | (4) 4M x 9 |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |

| CACHE CONFIGURATION | | | |
|---|---|---|---|
| Size | Bank 0 | Bank 1 | TAG |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (1) 8K x 8 |
| 128KB | (4) 32K x 8 | NONE | (1) 8K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | |
|---|---|---|---|---|
| Size | JP22 | JP23 | JP27 | JP28 |
| 64KB | pins 1 & 2 closed | Open | Open | pins 1 & 2 closed |
| 128KB | pins 2 & 3 closed | Open | Closed | pins 2 & 3 closed |
| 256KB | pins 1 & 2 closed | Closed | Closed | pins 2 & 3 closed |

| CPU TYPE CONFIGURATION | | | |
|---|---|---|---|
| Type | JP24 | JP25 | JP26 |
| 80486SX | Closed | pins 2 & 3 closed | Open |
| 80486SX (PQFP) | Open | N/A | N/A |
| 80487SX | Closed | pins 1 & 2 and 3 & 4 closed | pins 2 & 3 closed |
| 80486DX | Closed | pins 1 & 2 and 3 & 4 closed | pins 1 & 2 closed |
| 80486DX2 | Closed | pins 1 & 2 and 3 & 4 closed | pins 1 & 2 closed |
| Pentium Overdrive | Closed | pins 1 & 2 and 3 & 4 closed | pins 2 & 3 closed |

| CPU SPEED CONFIGURATION | | | | |
|---|---|---|---|---|
| Speed | JP18 | JP19 | JP20 | JP21 |
| 25MHz | Closed | Closed | Open | Open |
| 33MHz | Open | Closed | Open | Open |
| 50i MHz | Closed | Closed | Open | Open |
| 50MHz | Open | Open | Open | Open |
| 66i MHz | Open | Closed | Open | Open |

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| VESA WAIT STATE/BUS SPEED (ID2 & ID3) CONFIGURATION | | | |
|---|---|---|---|
| CPU speed | Wait states | JP15 (ID3) | JP16 (ID2) |
| ≤ 33MHz | 0 wait states | Open | Open |
| > 33MHz | 1 wait state | Closed | Closed |