# ICL
# T E A M S E R V E R   F 5 / 6 0

| | |
|---|---|
| **Processor** | Pentium |
| **Processor Speed** | 60MHz |
| **Chip Set** | Unidentified |
| **Max. Onboard DRAM** | 384MB (256MB on external memory card) |
| **Cache** | 256KB (on external cache card) |
| **BIOS** | Unidentified |
| **Dimensions** | 355mm x 305mm |
| **I/O Options** | PS/2 mouse port, parallel port, serial ports (2), VGA port, floppy drive interface, IDE interface, CPU slot, external memory slot |
| **NPU Options** | None |
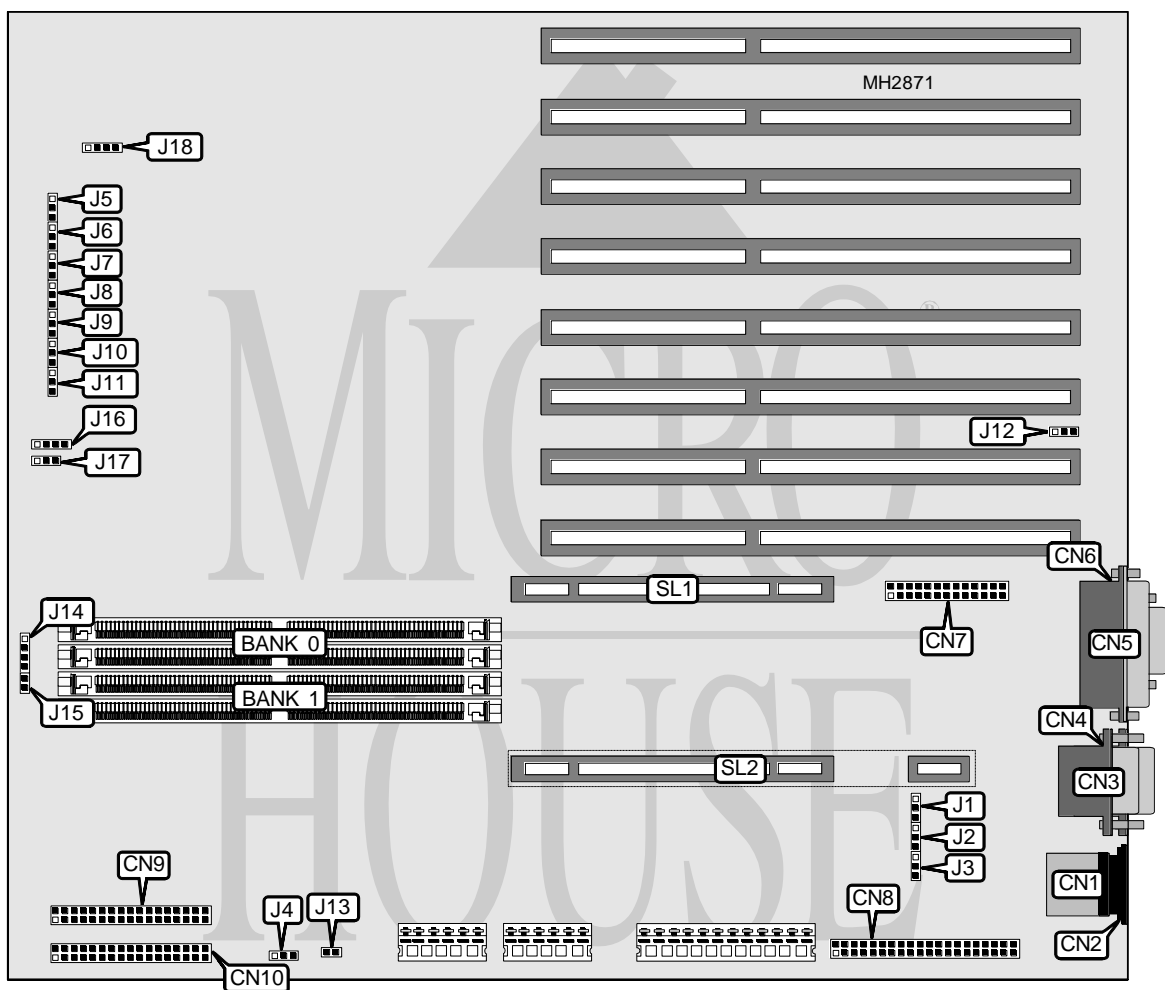
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| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| PS/2 mouse port | CN1 | IDE interface | CN8 |
| Keyboard connector | CN2 | Floppy drive interface | CN9 |
| Serial port 2 | CN3 | Speaker | J14 |
| Serial port 1 | CN4 | Reset switch | J15 |
| Parallel port | CN5 | External memory card slot | SL1 |
| VGA port | CN6 | External CPU card slot | SL2 |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Factory configured - do not alter | CN7 | N/A |
| í  Factory configured - do not alter | CN10 | N/A |
| í  On board video controller address select 03C3H | J3 | pins 1 & 2 closed |
|    On board video controller address select 046E8H | J3 | pins 2 & 3 closed |
| í  Flash BIOS normal operation | J2 | pins 2 & 3 closed |
|    Flash BIOS flash programming enabled | J2 | pins 1 & 2 closed |
| í  On board VRAM memory size select 512KB | J1 | pins 1 & 2 closed |
|    On board VRAM memory size select 1MB | J1 | pins 2 & 3 closed |
| í  Boot block normal operation | J4 | pins 2 & 3 closed |
|    Boot block write enabled | J4 | pins 1 & 2 closed |
| í  Flash BIOS normal operation | J5 | pins 2 & 3 closed |
|    Flash BIOS boot block disabled | J5 | pins 1 & 2 closed |
| í  On board VGA disabled | J6 | pins 2 & 3 closed |
|    On board VGA enabled | J6 | pins 1 & 2 closed |
| í  Floppy drive normal operation | J7 | pins 1 & 2 closed |
|    Floppy drive write protected | J7 | pins 2 & 3 closed |
| í  CMOS memory normal operation | J8 | pins 1 & 2 closed |
|    CMOS memory clear | J8 | pins 2 & 3 closed |
| í  Password disabled | J9 | pins 1 & 2 closed |
|    Password enabled | J9 | pins 2 & 3 closed |
| í  Factory configured - do not alter | J12 | N/A |
| í  Factory configured - do not alter | J13 | N/A |
| í  Factory configured - do not alter | J16 | N/A |
| í  Factory configured - do not alter | J17 | N/A |
| í  Factory configured - do not alter | J18 | N/A |

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| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 8MB | (2) 1M x 36 | NONE |
| 16MB | (2) 1M x 36 | (2) 1M x 36 |
| 16MB | (2) 2M x 36 | NONE |
| 24MB | (2) 1M x 36 | (2) 2M x 36 |
| 32MB | (2) 2M x 36 | (2) 2M x 36 |
| 32MB | (2) 4M x 36 | NONE |
| 40MB | (2) 1M x 36 | (2) 4M x 36 |
| 48MB | (2) 2M x 36 | (2) 4M x 36 |
| 64MB | (2) 4M x 36 | (2) 4M x 36 |
| 64MB | (2) 8M x 36 | NONE |
| 72MB | (2) 1M x 36 | (2) 8M x 36 |
| 80MB | (2) 2M x 36 | (2) 8M x 36 |
| 96MB | (2) 4M x 36 | (2) 8M x 36 |
| 128MB | (2) 8M x 36 | (2) 8M x 36 |

| DRAM JUMPER CONFIGURATION | | | |
|---|---|---|---|
| Bank | SIMM installed | J10 | J11 |
| Bank 0 | 1M x 36 or 2M x 36 | pins 1 & 2 closed | N/A |
| Bank 0 | 4M x 36 or 8M x 36 | pins 2 & 3 closed | N/A |
| Bank 1 | 1M x 36 or 2M x 36 | N/A | pins 1 & 2 closed |
| Bank 1 | 4M x 36 or 8M x 36 | N/A | pins 2 & 3 closed |



CPU CARD
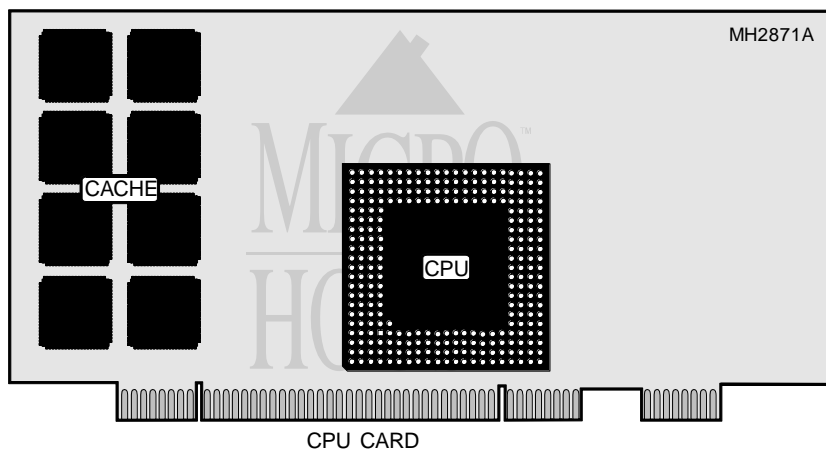
| CACHE CONFIGURATION |
|---|
| Note:    256KB cache is factory installed and is not configurable. |

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MEMORY CARD
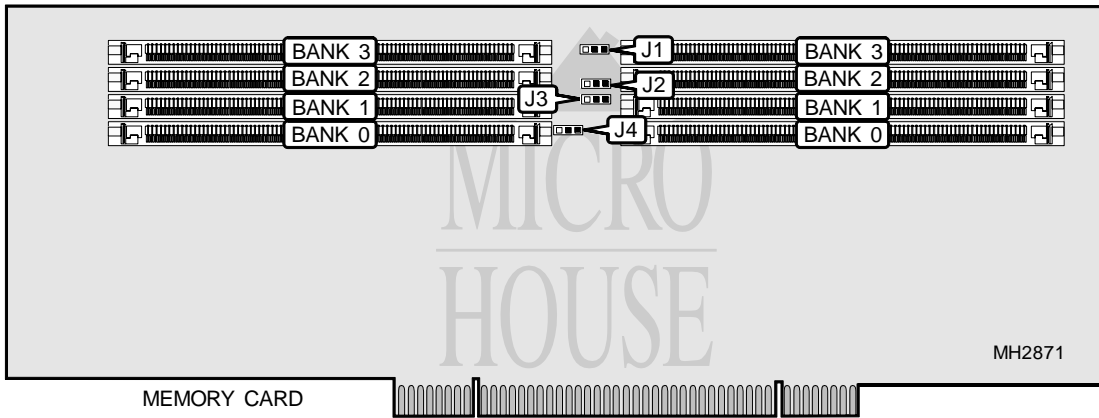
| DRAM CONFIGURATION | | | | |
|---|---|---|---|---|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 8MB | (2) 1M x 36 | NONE | NONE | NONE |
| 16MB | (2) 1M x 36 | (2) 1M x 36 | NONE | NONE |
| 16MB | (2) 2M x 36 | NONE | NONE | NONE |
| 24MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 | NONE |
| 24MB | (2) 1M x 36 | (2) 2M x 36 | NONE | NONE |
| 32MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 32MB | (2) 1M x 36 | (2) 1M x 36 | (2) 2M x 36 | NONE |
| 32MB | (2) 2M x 36 | (2) 2M x 36 | NONE | NONE |
| 32MB | (2) 4M x 36 | NONE | NONE | NONE |
| 40MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 | (2) 2M x 36 |
| 40MB | (2) 1M x 36 | (2) 4M x 36 | NONE | NONE |
| 48MB | (2) 1M x 36 | (2) 1M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 48MB | (2) 1M x 36 | (2) 1M x 36 | (2) 4M x 36 | NONE |
| 48MB | (2) 2M x 36 | (2) 2M x 36 | (2) 2M x 36 | NONE |
| 48MB | (2) 2M x 36 | (2) 4M x 36 | NONE | NONE |
| 56MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 | (2) 4M x 36 |
| 64MB | (2) 2M x 36 | (2) 2M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 64MB | (2) 2M x 36 | (2) 2M x 36 | (2) 4M x 36 | NONE |
| 64MB | (2) 4M x 36 | (2) 4M x 36 | NONE | NONE |
| 64MB | (2) 8M x 36 | NONE | NONE | NONE |
| 72MB | (2) 1M x 36 | (2) 8M x 36 | NONE | NONE |
| 80MB | (2) 1M x 36 | (2) 1M x 36 | (2) 8M x 36 | NONE |
| 80MB | (2) 2M x 36 | (2) 8M x 36 | NONE | NONE |
| 88MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 | (2) 8M x 36 |
| 96MB | (2) 2M x 36 | (2) 2M x 36 | (2) 8M x 36 | NONE |
| 96MB | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 | NONE |
| 96MB | (2) 4M x 36 | (2) 8M x 36 | NONE | NONE |
| 112MB | (2) 2M x 36 | (2) 2M x 36 | (2) 2M x 36 | (2) 8M x 36 |
| 128MB | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 128MB | (2) 4M x 36 | (2) 4M x 36 | (2) 8M x 36 | NONE |

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| DRAM CONFIGURATION (CON'T) | | | | |
|---|---|---|---|---|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 128MB | (2) 8M x 36 | (2) 8M x 36 | NONE | NONE |
| 160MB | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 | (2) 8M x 36 |
| 192MB | (2) 8M x 36 | (2) 8M x 36 | (2) 8M x 36 | NONE |
| 256MB | (2) 8M x 36 | (2) 8M x 36 | (2) 8M x 36 | (2) 8M x 36 |
| Note:    System board must be filled with memory before memory card can be used. | | | | |

| DRAM JUMPER CONFIGURATION | | | | | |
|---|---|---|---|---|---|
| Bank | SIMM installed | J1 | J2 | J3 | J4 |
| Bank 0 | 1M x 36 or 2M x 36 | N/A | N/A | N/A | 1 & 2 |
| Bank 0 | 4M x 36 or 8M x 36 | N/A | N/A | N/A | 2 & 3 |
| Bank 1 | 1M x 36 or 2M x 36 | N/A | N/A | 1 & 2 | N/A |
| Bank 1 | 4M x 36 or 8M x 36 | N/A | N/A | 2 & 3 | N/A |
| Bank 2 | 1M x 36 or 2M x 36 | N/A | 1 & 2 | N/A | N/A |
| Bank 2 | 4M x 36 or 8M x 36 | N/A | 2 & 3 | N/A | N/A |
| Bank 3 | 1M x 36 or 2M x 36 | 1 & 2 | N/A | N/A | N/A |
| Bank 3 | 4M x 36 or 8M x 36 | 2 & 3 | N/A | N/A | N/A |
| Note:    Pins designated should be in the closed position. | | | | | |