# ASPEN SYSTEMS, INC.
# T I M B E R L I N E

| | |
|---|---|
| **Processor** | Alpha |
| **Processor Speed** | 266/300/333MHz |
| **Chip Set** | Digital |
| **Max. Onboard DRAM** | 1024MB |
| **Cache** | 2/4/8/16MB |
| **BIOS** | Aspen |
| **Dimensions** | 336mm x 311mm |
| **I/O Options** | 32-bit PCI slots (5), 64-bit PCI slots (2), floppy drive interface, parallel port, PS/2 mouse interface, serial ports (2) |
| **NPU Options** | None |
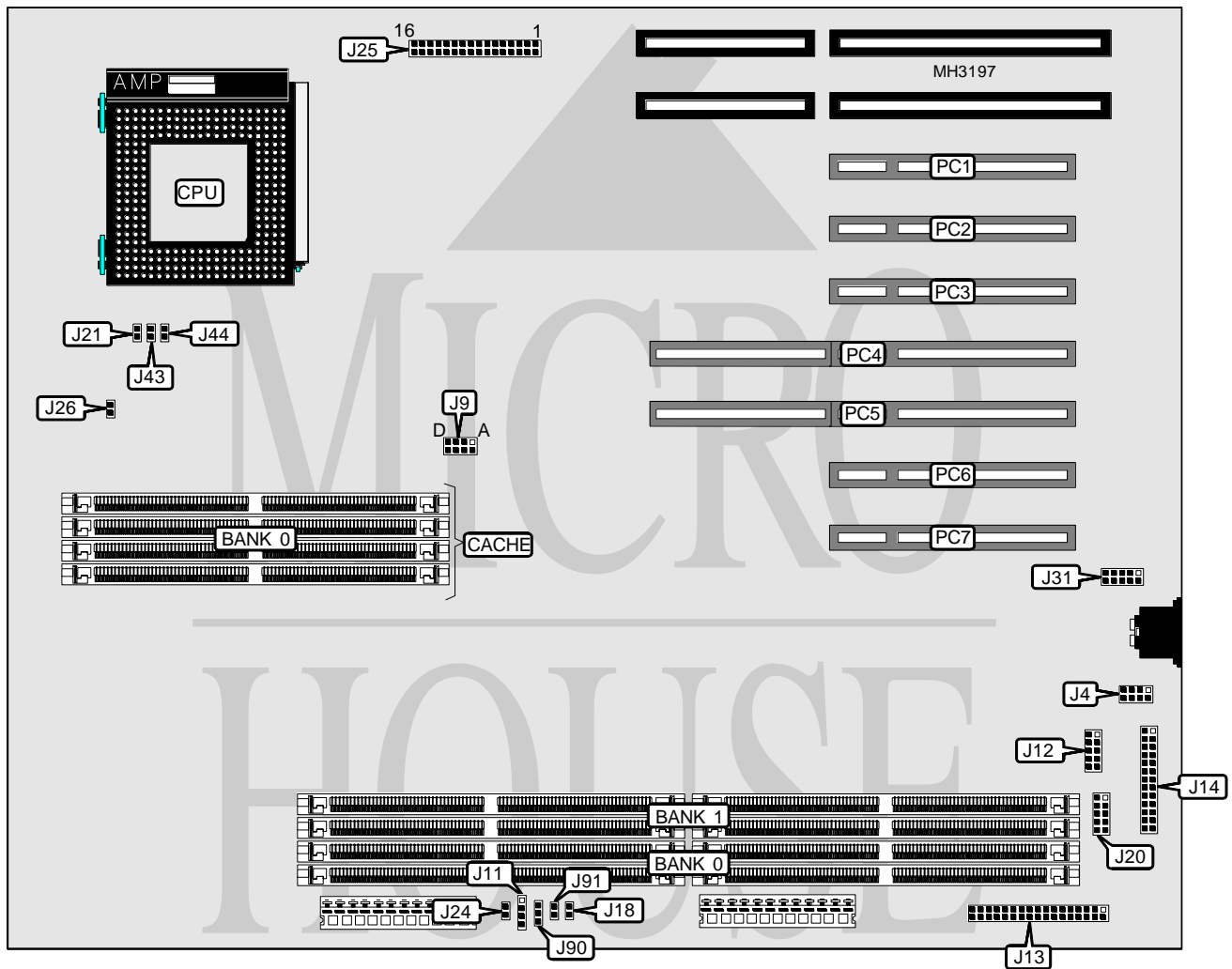
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| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| Remote diagnostics | J4 | Reset switch | J24 |
| Speaker | J11 | PS/2 mouse interface | J31 |
| Serial port 2 | J12 | LED | J90 |
| Floppy drive interface | J13 | LED | J91 |
| Parallel port | J14 | 32-bit PCI slots | PC1 - PC3, PC6 & 7 |
| Keylock | J18 | 64-bit PCI slots | PC4 & PC5 |
| Serial port 1 | J20 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Factory configured - do not alter | J25 (11) | Open |
| í  Factory configured - do not alter | J25 (12) | Closed |
| í  Factory configured - do not alter | J25 (13) | Open |
| í  Factory configured - do not alter | J25 (14) | Open |
| í  Factory configured - do not alter | J25 (15) | Open |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 16MB | (4) 1M x 36 | NONE |
| 32MB | (4) 2M x 36 | NONE |
| 32MB | (4) 1M x 36 | (4) 1M x 36 |
| 64MB | (4) 4M x 36 | NONE |
| 64MB | (4) 2M x 36 | (4) 2M x 36 |
| 128MB | (4) 8M x 36 | NONE |
| 128MB | (4) 4M x 36 | (4) 4M x 36 |
| 256MB | (4) 16M x 36 | NONE |
| 256MB | (4) 8M x 36 | (4) 8M x 36 |
| 512MB | (4) 32M x 36 | NONE |
| 512MB | (4) 16M x 36 | (4) 16M x 36 |
| 1024MB | (4) 32M x 36 | (4) 32M x 36 |

| DRAM JUMPER CONFIGURATION | | |
|---|---|---|
| Size | J25 (1) | J25 (2) |
| 16MB | Closed | Closed |
| 32MB | Open | Open |
| 32MB | Closed | Closed |
| 64MB | Closed | Open |
| 64MB | Open | Open |
| 128MB | Open | Closed |
| 128MB | Closed | Open |
| 256MB | Closed | Closed |
| 256MB | Open | Closed |
| 512MB | Open | Open |
| 512MB | Closed | Closed |
| 1024MB | Open | Open |

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| DRAM SPEED CONFIGURATION | | |
|---|---|---|
| Speed | J25 (3) | J25 (4) |
| 60ns | Open | Open |
| 70ns | Closed | Open |
| 80ns | Open | Closed |

| CACHE CONFIGURATION | |
|---|---|
| Size | Bank 0 |
| 2MB | 2MB |
| 4MB | 4MB |
| 8MB | 8MB |
| 16MB | 16MB |

| CACHE JUMPER CONFIGURATION | | | | | | | |
|---|---|---|---|---|---|---|---|
| Size | J21 | J25 (5) | J25 (6) | J25 (7) | J26 | J43 | J44 |
| 2MB | Closed | Closed | Open | Open | Open | Closed | Closed |
| 4MB | Closed | Open | Closed | Closed | Closed | Closed | Open |
| 8MB | Closed | Open | Closed | Open | Open | Open | Open |
| 16MB | Open | Open | Open | Closed | Open | Open | Open |

| CACHE SPEED CONFIGURATION | | |
|---|---|---|
| Speed | J25 (8) | J25 (9) | J25 (10) |
| 10ns | Closed | Open | Open |
| 12ns | Open | Closed | Closed |
| 15ns | Open | Closed | Open |

| CPU SPEED CONFIGURATION | | |
|---|---|---|
| Speed | J9B | J9C | J9D |
| 266MHz | Closed | Closed | Closed |
| 300MHz | Closed | Closed | Open |
| 333MHz | Closed | Open | Closed |