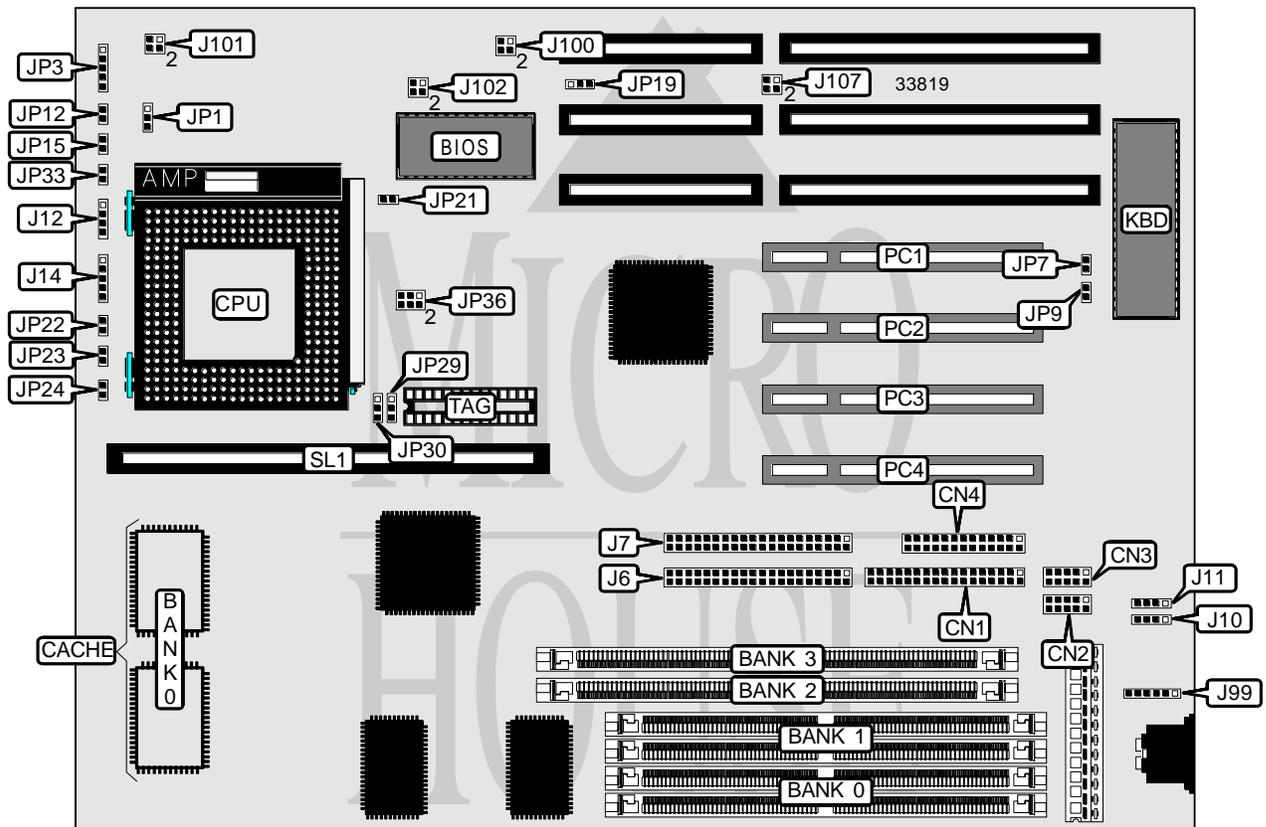


SHUTTLE COMPUTER INTERNATIONAL, INC. HOT-557

| | |
|-------------------------------|---|
| Processor | CX M1/AM K5/Pentium |
| Processor Speed | 66/75/90/100/120/125/133/150/166/180/200MHz |
| Chip Set | Intel |
| Video Chip Set | None |
| Maximum Onboard Memory | 128MB (EDO supported) |
| Maximum Video Memory | None |
| Cache | 256/512KB |
| BIOS | Award |
| Dimensions | 280mm x 220mm |
| I/O Options | 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2) |
| NPU Options | None |



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| CONNECTIONS | | | |
|------------------------|----------|----------------------|-----------|
| Purpose | Location | Purpose | Location |
| Floppy drive interface | CN1 | PS/2 mouse interface | J99 |
| Serial port 1 | CN2 | Chassis fan power | JP1 |
| Serial port 2 | CN3 | IR connector | JP3 |
| Parallel port | CN4 | Reset switch | JP12 |
| IDE interface 1 | J6 | Green PC connector | JP15 |
| IDE interface 2 | J7 | IDE interface LED | JP22 |
| USB connector | J10 | Green PC LED | JP33 |
| USB connector | J11 | 32-bit PCI slots | PC1 - PC4 |
| Speaker | J12 | Cache slot | SL1 |
| Power LED & keylock | J14 | | |

| USER CONFIGURABLE SETTINGS | | |
|-------------------------------------|-------|-------------------|
| Function | Label | Position |
| í Factory configured - do not alter | J107 | Open |
| Monitor type select EGA/CGA | JP7 | Closed |
| Monitor type select monochrome | JP7 | Open |
| Monitor type select VGA | JP7 | Any setting |
| í Password normal operation | JP9 | Open |
| Password clear | JP9 | Closed |
| Flash BIOS voltage select 12v | JP19 | Pins 1 & 2 closed |
| Flash BIOS voltage select 5v | JP19 | Pins 2 & 3 closed |
| í CMOS memory normal operation | JP21 | Open |
| CMOS memory clear | JP21 | Closed |

| 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) 2M x 36 | (2) 2M x 36 |
| 40MB | (2) 4M x 36 | (2) 1M x 36 |
| 48MB | (2) 2M x 36 | (2) 4M x 36 |
| 64MB | (2) 8M x 36 | None |
| 64MB | (2) 4M x 36 | (2) 4M x 36 |
| 72MB | (2) 1M x 36 | (2) 8M x 36 |
| 80MB | (2) 8M x 36 | (2) 2M x 36 |
| 96MB | (2) 4M x 36 | (2) 8M x 36 |
| 128MB | (2) 8M x 36 | (2) 8M x 36 |

Note: Board accepts EDO memory. Banks are interchangeable.

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| DIMM CONFIGURATION | | |
|--------------------|-------------|-------------|
| Size | Bank 2 | Bank 3 |
| 8MB | (1) 1M x 64 | None |
| 16MB | (1) 2M x 64 | None |
| 24MB | (1) 2M x 64 | (1) 1M x 64 |
| 32MB | (1) 4M x 64 | None |
| 40MB | (1) 4M x 64 | (1) 1M x 64 |
| 48MB | (1) 4M x 64 | (1) 2M x 64 |
| 64MB | (1) 4M x 64 | (1) 4M x 64 |

Note: Banks are interchangeable.

| CACHE CONFIGURATION | | | |
|---------------------|--------------|------------------------|-------------|
| Size | Bank 0 | SL1 | TAG |
| 256KB | None | 256KB module installed | (1) 32K x 8 |
| 256KB | (2) 32K x 32 | None installed | (1) 32K x 8 |
| 512KB | (2) 32K x 32 | 256KB module installed | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | |
|----------------------------|-------------------|-------------------|
| Size | JP29 | JP30 |
| 256KB | Pins 1 & 2 closed | Pins 2 & 3 closed |
| 512KB | Pins 2 & 3 closed | Pins 1 & 2 closed |

| CPU SPEED SELECTION (CYRIX) | | | | | |
|-----------------------------|-------------|------------|------|------|---------------------|
| CPU speed | Clock speed | Multiplier | JP23 | JP24 | JP36 |
| 120MHz | 50MHz | 2x | Open | Open | 1 & 2, 3 & 4, 5 & 6 |
| 133MHz | 55MHz | 2x | Open | Open | 1 & 2, 3 & 4 |
| 150MHz | 60MHz | 2x | Open | Open | 1 & 2, 5 & 6 |
| 166MHz | 66MHz | 2x | Open | Open | 3 & 4, 5 & 6 |
| 200MHz | 75MHz | 2x | Open | Open | 1 & 2 |

Note: Pins designated should be in the closed position. The 200MHz chip may not run properly on this board.

| CPU SPEED SELECTION (AMD) | | | | | |
|---------------------------|-------------|------------|--------|------|---------------------|
| CPU speed | Clock speed | Multiplier | JP23 | JP24 | JP36 |
| 66MHz | 66MHz | 1x | Closed | Open | 3 & 4, 5 & 6 |
| 75MHz | 50MHz | 1.5x | Open | Open | 1 & 2, 3 & 4, 5 & 6 |
| 90MHz | 60MHz | 1.5x | Open | Open | 1 & 2, 5 & 6 |
| 100MHz | 66MHz | 1.5x | Open | Open | 3 & 4, 5 & 6 |

Note: Pins designated should be in the closed position.

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| CPU SPEED SELECTION (INTEL) | | | | | |
|-----------------------------|-------------|------------|--------|--------|---------------------|
| CPU speed | Clock speed | Multiplier | JP23 | JP24 | JP36 |
| 75MHz | 50MHz | 1.5x | Open | Open | 1 & 2, 3 & 4, 5 & 6 |
| 90MHz | 60MHz | 1.5x | Open | Open | 1 & 2, 5 & 6 |
| 100MHz | 66MHz | 1.5x | Open | Open | 3 & 4, 5 & 6 |
| 120MHz | 60MHz | 2x | Closed | Open | 1 & 2, 5 & 6 |
| 125MHz | 50MHz | 2.5x | Closed | Closed | 1 & 2, 3 & 4, 5 & 6 |
| 133MHz | 66MHz | 2x | Closed | Open | 3 & 4, 5 & 6 |
| 150MHz | 60MHz | 2.5x | Closed | Closed | 1 & 2, 5 & 6 |
| 166MHz | 66MHz | 2.5x | Closed | Closed | 3 & 4, 5 & 6 |
| 180MHz | 60MHz | 3x | Open | Closed | 1 & 2, 5 & 6 |
| 200MHz | 66MHz | 3x | Open | Closed | 3 & 4, 5 & 6 |

Note: Pins designated should be in the closed position.

| CPU VOLTAGE SELECTION (SINGLE OUTPUT) | | | |
|---------------------------------------|------|--------------------------|-------------------|
| Voltage | J100 | J101 | J102 |
| 3.2v | Open | Pins 1 & 2, 3 & 4 closed | Pins 3 & 4 closed |
| 3.3v | Open | Pins 3 & 4 closed | Pins 3 & 4 closed |
| 3.45v | Open | Pins 2 & 4 closed | Pins 3 & 4 closed |
| 3.5v | Open | Pins 1 & 2 closed | Pins 3 & 4 closed |
| 3.6v | Open | Pins 1 & 3 closed | Pins 3 & 4 closed |
| 3.8v | Open | Open | Pins 3 & 4 closed |

| CPU VOLTAGE SELECTION (DUAL OUTPUT) | | | | |
|-------------------------------------|--------|--------------|--------------|-------|
| Voltage | V core | J100 | J101 | J102 |
| 3.2v | 2.5v | 1 & 2, 3 & 4 | 1 & 2, 3 & 4 | 1 & 2 |
| 3.3v | 2.7v | 3 & 4 | 3 & 4 | 1 & 2 |
| 3.45v | 2.8v | 2 & 4 | 2 & 4 | 1 & 2 |
| 3.5v | 2.9v | 1 & 2 | 1 & 2 | 1 & 2 |
| 3.6v | 3.0v | 1 & 3 | 1 & 3 | 1 & 2 |
| 3.8v | 3.2v | Open | Open | 1 & 2 |

Note: Pins designated should be in the closed position.