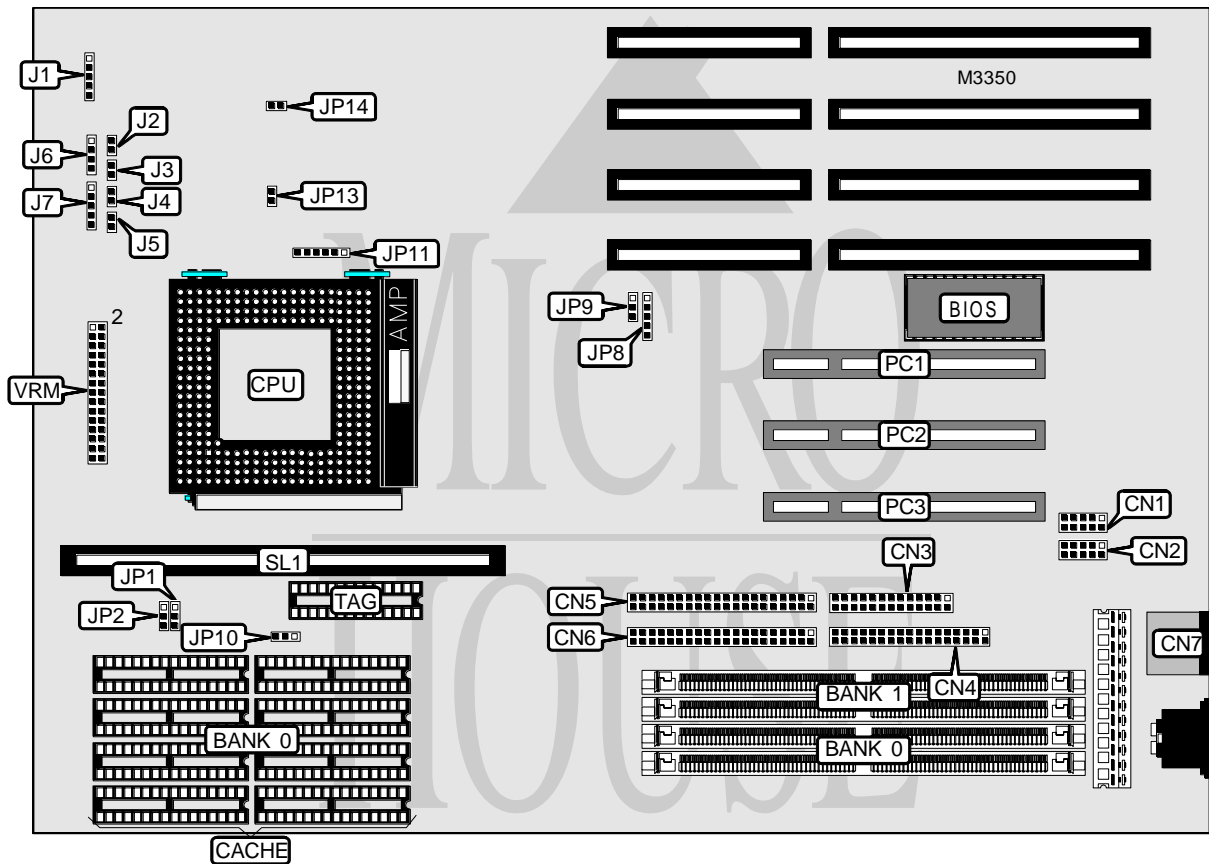


HOKKINS SYSTEMATION, INC.

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| | |
|-------------------------------|--|
| Processor | CX M1/AM K5/Pentium |
| Processor Speed | 75/80/90/100/120/133/150/166/180/200MHz |
| Chip Set | Intel |
| Video Chip Set | None |
| Maximum Onboard Memory | 128MB (EDO supported) |
| Maximum Video Memory | None |
| Cache | 256/512KB |
| BIOS | Award |
| Dimensions | 330mm x 218mm |
| I/O Options | 32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector |
| NPU Options | None |



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| CONNECTIONS | | | |
|------------------------|----------|---------------------|-----------|
| Purpose | Location | Purpose | Location |
| Serial port 2 | CN1 | Turbo LED | J3 |
| Serial port 1 | CN2 | Green PC connector | J4 |
| Parallel port | CN3 | IDE interface LED | J5 |
| Floppy drive interface | CN4 | Speaker | J6 |
| IDE interface 2 | CN5 | Power LED & keylock | J7 |
| IDE interface 1 | CN6 | 32-bit PCI slots | PC1 - PC3 |
| PS/2 mouse port | CN7 | Cache slot | SL1 |
| IR connector | J1 | VRM connector | VRM |
| Reset switch | J2 | | |

| USER CONFIGURABLE SETTINGS | | |
|--------------------------------|-------|----------|
| Function | Label | Position |
| í CMOS memory normal operation | JP14 | Open |
| CMOS memory clear | JP14 | Closed |

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

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| CACHE CONFIGURATION | | | |
|---------------------|-------------|--------------------|------------------------|
| Size | Bank 0 | TAG | SL1 |
| 256KB (A) | (8) 32K x 8 | (1) 8K/16K/32K x 8 | Not installed |
| 256KB (B) | None | None | 256KB module installed |
| 512KB (A) | (8) 64K x 8 | (1) 16K/32K x 8 | Not installed |
| 512KB (B) | None | None | 512KB module installed |

| CACHE JUMPER CONFIGURATION | |
|--|-------------------|
| Size | JP10 |
| 256KB (A) | Pins 2 & 3 closed |
| 512KB (A) | Pins 1 & 2 closed |
| Note: If SL1 installed, jumper JP10 is not used. | |

| CACHE VOLTAGE CONFIGURATION | | |
|---|-------------------|-------------------|
| Voltage | JP1 | JP2 |
| Mixed voltage | Pins 2 & 3 closed | Pins 2 & 3 closed |
| 3.3v | Pins 1 & 2 closed | Pins 1 & 2 closed |
| Note: Jumpers JP1 & JP2 may not be present on all boards. | | |

| CPU SPEED SELECTION | | | |
|---------------------|-------------|--------------------------|-------------------|
| CPU speed | Clock speed | JP8 | JP9 |
| 75MHz | 50MHz | Pins 1 & 2 closed | Pins 1 & 2 closed |
| 80MHz | 40MHz | Pins 2 & 3, 4 & 5 closed | Pins 1 & 2 closed |
| 90MHz | 60MHz | Pins 2 & 3 closed | Pins 2 & 3 closed |
| 100MHz | 50MHz | Pins 1 & 2 closed | Pins 1 & 2 closed |
| 100MHz | 66MHz | Pins 1 & 2, 4 & 5 closed | Pins 2 & 3 closed |
| 120MHz | 60MHz | Pins 2 & 3 closed | Pins 2 & 3 closed |
| 133MHz | 66MHz | Pins 1 & 2, 4 & 5 closed | Pins 2 & 3 closed |
| 150MHz | 60MHz | Pins 2 & 3 closed | Pins 2 & 3 closed |
| 150MHz | 50MHz | Pins 1 & 2 closed | Pins 1 & 2 closed |
| 166MHz | 66MHz | Pins 1 & 2, 4 & 5 closed | Pins 2 & 3 closed |
| 180MHz | 60MHz | Pins 2 & 3 closed | Pins 2 & 3 closed |
| 200MHz | 66MHz | Pins 1 & 2, 4 & 5 closed | Pins 2 & 3 closed |

| CPU TYPE SELECTION | |
|---------------------------------------|------------------------------|
| Type | VRM |
| P54C/P54CT/P54CTB (STD & VRE voltage) | Pins 11 & 13, 12 & 14 closed |
| P55C (2.5v) | VRM installed |

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| CPU MULTIPLIER SELECTION | |
|--------------------------|--------------------------|
| Multiplier | JP11 |
| 1.5x | Pins 1 & 2, 5 & 6 closed |
| 2x | Pins 2 & 3, 5 & 6 closed |
| 2.5x | Pins 2 & 3, 4 & 5 closed |
| 3x | Pins 1 & 2, 4 & 5 closed |

| CPU VOLTAGE SELECTION | |
|------------------------|--------|
| Voltage | JP13 |
| 3.3v (STD/VR CPU) | Open |
| 3.45v - 3.6v (VRE CPU) | Closed |