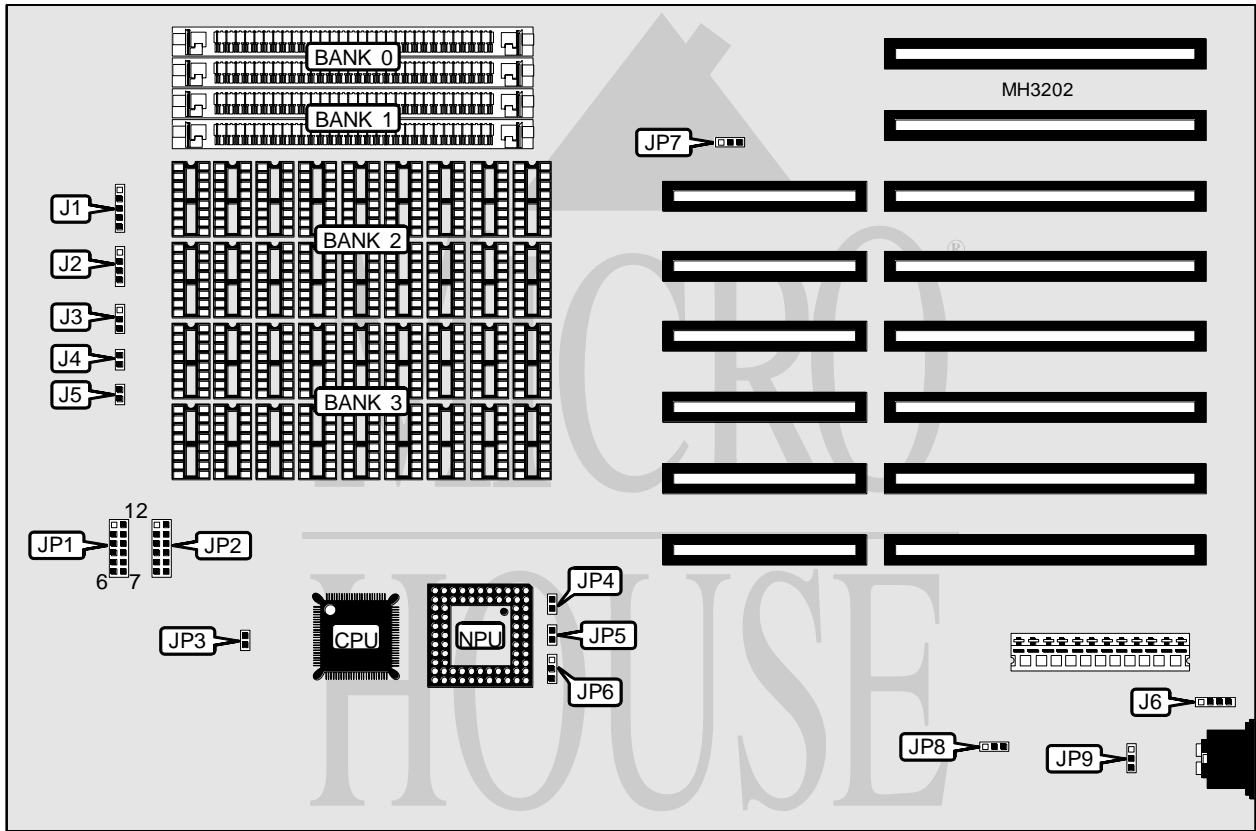


UNIDENTIFIED 80386SX MOTHERBOARD

| | |
|--------------------------|---------------|
| Processor | 80386SX |
| Processor Speed | 16MHz |
| Chip Set | NEAT |
| Max. Onboard DRAM | 8MB |
| Cache | None |
| BIOS | AMI |
| Dimensions | 330mm x 218mm |
| I/O Options | None |
| NPU Options | 80387SX |



| CONNECTIONS | | | |
|---------------------|----------|------------------|----------|
| Purpose | Location | Purpose | Location |
| Power LED & keylock | J1 | Reset switch | J4 |
| Speaker | J2 | Turbo LED | J5 |
| Turbo switch | J3 | External battery | J6 |

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| USER CONFIGURABLE SETTINGS | | |
|-----------------------------------|--------|-------------------|
| Function | Jumper | Position |
| í Turbo enabled | J3 | pins 1 & 2 closed |
| Turbo disabled | J3 | pins 2 & 3 closed |
| í Battery type select internal | J6 | pins 1 & 2 closed |
| Battery type select external | J6 | Closed |
| CMOS memory clear | J6 | pins 3 & 4 closed |
| í Pipeline enabled | JP3 | Closed |
| Pipeline disabled | JP3 | Open |
| í NPU asynchronous with CPU | JP4 | Closed |
| NPU synchronous with CPU | JP4 | Open |
| NPU enabled | JP5 | Closed |
| NPU disabled | JP5 | Open |
| í Clock select 80386SX clock 2 | JP6 | pins 2 & 3 closed |
| Clock select 80387SX clock 2 | JP6 | pins 1 & 2 closed |
| í BIOS type select 27256 | JP7 | pins 1 & 2 closed |
| BIOS type select 27128 | JP7 | pins 2 & 3 closed |
| í Monitor type select monochrome | JP8 | pins 2 & 3 closed |
| Monitor type select color/EGA/VGA | JP8 | pins 1 & 2 closed |
| í BIOS pin select 23 pin | JP9 | pins 1 & 2 closed |
| BIOS pin select 30 pin | JP9 | pins 2 & 3 closed |

| DRAM CONFIGURATION | | | | |
|--------------------|--------------|--------------|-------------|-------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 512KB | (2) 256K x 9 | NONE | NONE | NONE |
| 512KB | NONE | NONE | (18) 41256 | NONE |
| 1MB | (2) 256K x 9 | (2) 256K x 9 | NONE | NONE |
| 1MB | NONE | NONE | (18) 41256 | (18) 41256 |
| 1.5MB | (2) 256K x 9 | (2) 256K x 9 | (18) 41256 | NONE |
| 1.5MB | (2) 256K x 9 | NONE | (18) 41256 | (18) 41256 |
| 2MB | (2) 256K x 9 | (2) 256K x 9 | (18) 41256 | (18) 41256 |
| 2MB | (2) 1M x 9 | NONE | NONE | NONE |
| 2MB | NONE | NONE | (18) 411000 | (18) 411000 |
| 4MB | (2) 1M x 9 | (2) 1M x 9 | NONE | NONE |
| 4MB | (2) 1M x 9 | NONE | (18) 411000 | (18) 411000 |
| 5MB | (2) 1M x 9 | (2) 1M x 9 | (18) 41256 | (18) 41256 |
| 5MB | (2) 1M x 9 | (2) 1M x 9 | (18) 411000 | NONE |
| 5MB | (2) 1M x 9 | (2) 1M x 9 | (18) 41256 | (18) 41256 |
| 6MB | (2) 1M x 9 | (2) 1M x 9 | (18) 411000 | (18) 411000 |
| 6MB | (2) 1M x 9 | (2) 1M x 9 | (18) 411000 | (18) 411000 |
| 8MB | (2) 4M x 9 | (2) 4M x 9 | NONE | NONE |

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80386SX MOTHERBOARD

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| DRAM JUMPER CONFIGURATION | | |
|---|---|---|
| Size | JP1 | JP2 |
| 512KB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 512KB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 1MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 1MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 1.5MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 1.5MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 2MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 2MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 2MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 4MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 4MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 5MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 5MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 5MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 6MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| 6MB | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 | 1 & 12, 2 & 11, 3 & 10, 4 & 9, 5 & 8, 6 & 7 |
| 8MB | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 | 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10, 11 & 12 |
| Note: Pins designated should be in the closed position. | | |