# AMERICAN MEGATRENDS, INC.
## AMI 386SX-II

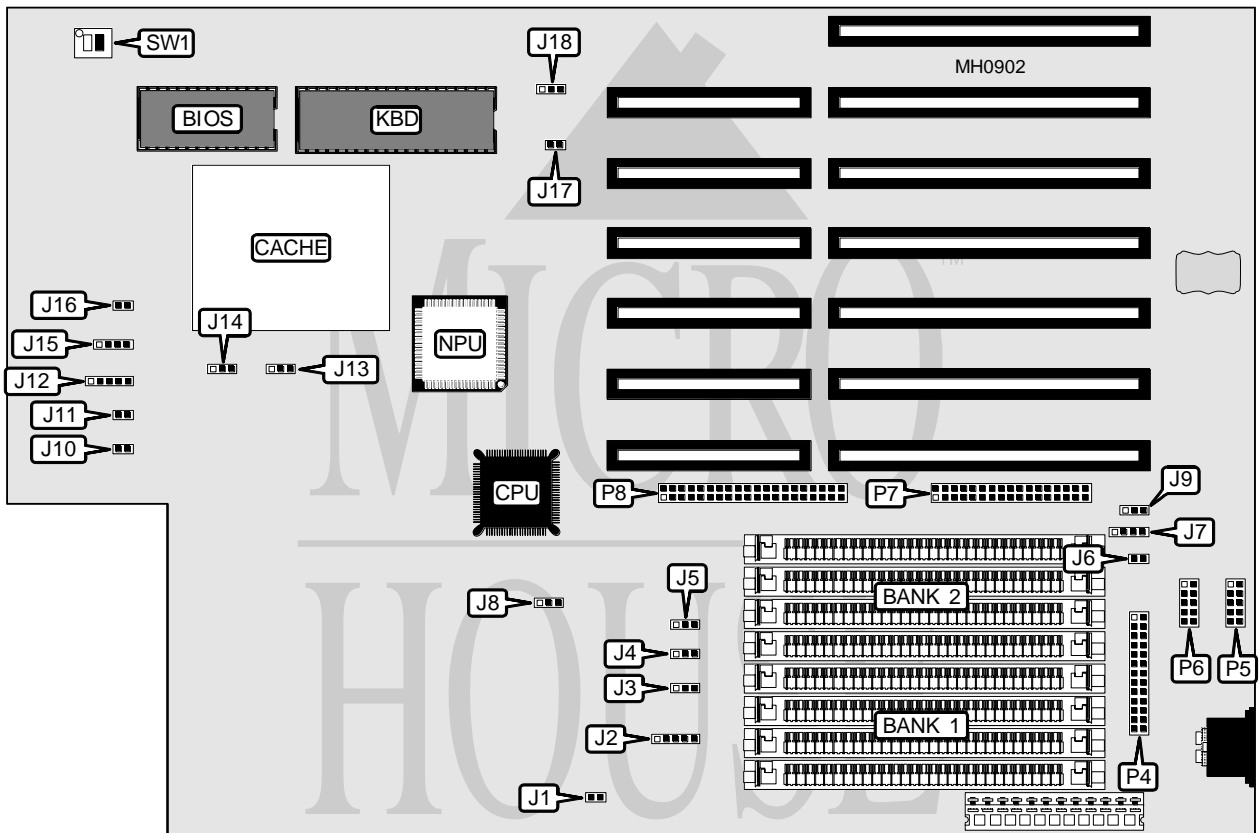**Processor**              80386SX
**Processor Speed**        20/25MHz
**Chip Set**               AMI
**Max. Onboard DRAM**      16MB
**Cache**                  32KB
**BIOS**                   AMI
**Dimensions**             330mm x 218mm
**I/O Options**            Floppy interface, IDE interface, parallel port, serial ports (2)
**NPU Options**            80387SX



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| IDE interface LED | J1 | Turbo switch | J16 |
| External battery | J7 | Parallel port | P4 |
| Reset switch | J10 | Serial port 1 | P5 |
| Turbo LED | J11 | Serial port 2 | P6 |
| Power LED & keylock | J12 | Floppy interface | P7 |
| Speaker | J15 | IDE interface | P8 |

# AMERICAN MEGATRENDS, INC.
## A M I   3 8 6 S X - I I

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper/Switch | Position |
| í  DRAM address sequence select bank 1, then bank 2 | J2 | pins 1 & 2, 3 & 4 closed |
|    DRAM address sequence select bank 2, then bank 1 | J2 | pins 2 & 3, 4 & 5 closed |
| í  Serial port 2 select IRQ3 | J3 | pins 2 & 3 closed |
|    Serial port 2 select IRQ4 | J3 | pins 1 & 2 closed |
| í  Serial port 1 select IRQ3 | J4 | pins 2 & 3 closed |
|    Serial port 1) select IRQ4 | J4 | pins 1 & 2 closed |
| í  Factory configured - do not alter | J5 | pins 1 & 2 closed |
| í  On board battery enabled | J6 | Closed |
|    On board battery disabled | J6 | Open |
| í  Parallel port select IRQ7 | J8 | pins 2 & 3 closed |
|    Parallel port select IRQ5 | J8 | pins 1 & 2 closed |
| í  Power good signal detect from power supply | J9 | pins 2 & 3 closed |
|    Power good signal detect from board | J9 | pins 1 & 2 closed |
| í  Factory configured - do not alter | J13 | pins 2 & 3 closed |
| í  Factory configured - do not alter | J14 | pins 1 & 2 closed |
| í  CMOS memory normal operation | J17 | Open |
|    CMOS memory clear | J17 | Closed |
| í  Factory configured - do not alter | J18 | Open |
| í  Factory configured - do not alter | SW1/1 | Off |
|    Monitor type select color | SW1/2 | On |
|    Monitor type select monochrome | SW1/2 | Off |
| Note :    Cache is factory installed and is not configurable.  The size of the cache & tag chips are unidentified. | | |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 1 | Bank 2 |
| 1MB | (4) 256K x 9 | NONE |
| 2MB | (4) 256K x 9 | (4) 256K x 9 |
| 4MB | (4) 1M x 9 | NONE |
| 5MB | (4) 1M x 9 | (4) 256K x 9 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |