# ARCHE TECHNOLOGIES, INC.
# T R I U M P H   3 8 6 S X - 1 6

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|---|---|
| **Processor** | 80386SX |
| **Processor Speed** | 16MHz |
| **Chip Set** | UNI |
| **Max. Onboard DRAM** | 16MB |
| **Cache** | None |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | Floppy drive interface, IDE interface, parallel port, serial ports (2), VGA port |
| **NPU Options** | 80387SX |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| Parallel port | J4 | Floppy drive interface | J9 |
| Serial port 2 | J5 | IDE interface | J10 |
| VGA port | J6 | IDE interface LED | J11 |
| Serial port 1 | J7 | Front panel connector | J12 |
| External battery | J8 | Riser Card | SL1 |
| Note:    The pin outs for J12 are not specified in the manual.  They are identified on the mainboard. | | | |
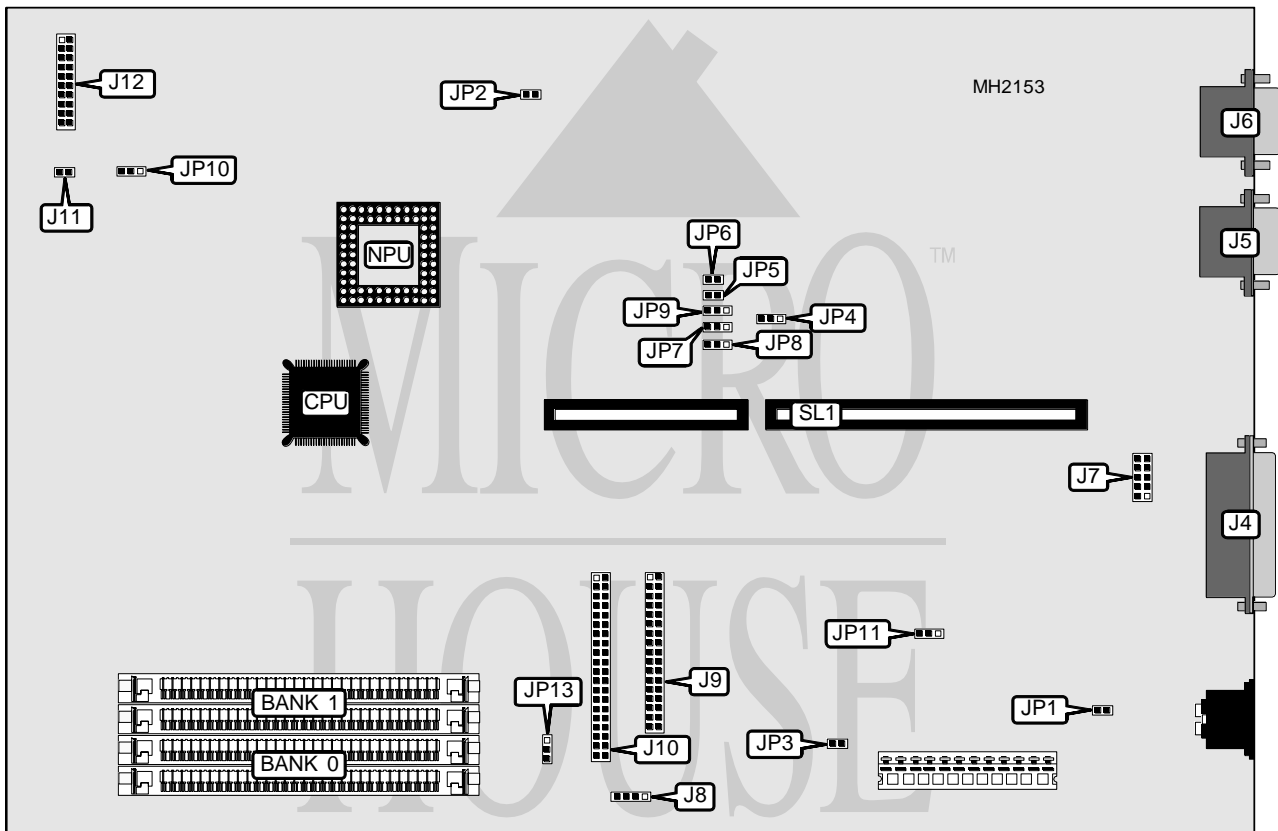
# ARCHE TECHNOLOGIES, INC.
# TRIUMPH 386SX-16

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Monitor type select color | JP1 | Closed |
| Monitor type select monochrome | JP1 | Open |
| í  NPU disabled | JP2 | Open |
| NPU enabled | JP2 | Closed |
| í  Password enabled | JP3 | Open |
| Password disabled | JP3 | Closed |
| í  Factory configured - do not alter | JP4 | Open |
| í  VGA IRQ9 disabled | JP5 | Open |
| VGA IRQ9 enabled | JP5 | Closed |
| í  Factory configured - do not alter | JP6 | Open |
| í  Parallel port IRQ select IRQ7 | JP9 | pins 2 & 3 closed |
| Parallel port IRQ select IRQ5 | JP9 | pins 1 & 2 closed |
| í  Factory configured - do not alter | JP10 | Open |
| í  Serial port select COM 1 & COM 2 | JP11 | pins 1 & 2 closed |
| Serial port select COM 3 & COM 4 | JP11 | pins 2 & 3 closed |
| í  IOCHRDY signal on pin 27 | JP13 | pins 2 & 3 closed |
| IOCHRDY signal on pin 21 | JP13 | pins 1 & 2 closed |

| SERIAL PORT 1 INTERRUPT CONFIGURATION | |
|---|---|
| IRQ | JP8 |
| IRQ4 | pins 1 & 2 closed |
| IRQ9 | pins 2 & 3 closed |

| SERIAL PORT 2 INTERRUPT CONFIGURATION | |
|---|---|
| IRQ | JP7 |
| IRQ3 | pins 1 & 2 closed |
| IRQ5 | pins 2 & 3 closed |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 1MB | (2) 256K x 9 | (2) 256K x 9 |
| 2MB | (2) 1M x 9 | NONE |
| 4MB | (2) 1M x 9 | (2) 1M x 9 |
| 8MB | (2) 4M x 9 | NONE |
| 10MB | (2) 4M x 9 | (2) 1M x 9 |
| 16MB | (2) 4M x 9 | (2) 4M x 9 |