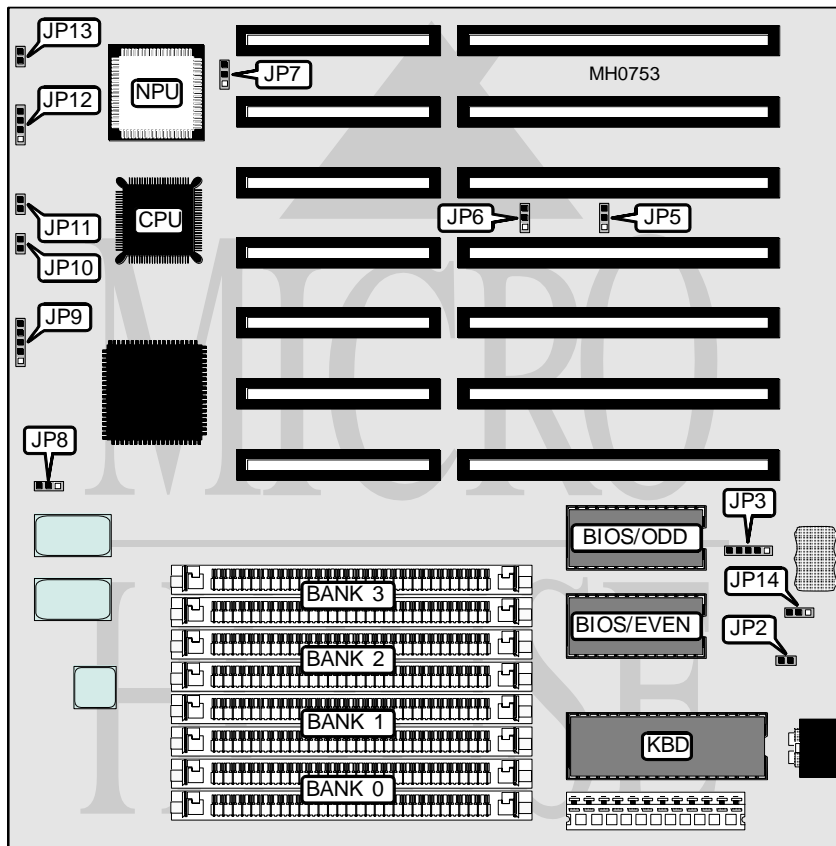


AUVA COMPUTER, INC.

NPM16-H0/NPM20-H0/NPM25-H0

| | |
|--------------------------|---------------|
| Processor | 80386SX |
| Processor Speed | 16/20/25MHz |
| Chip Set | Headland |
| Max. Onboard DRAM | 8MB |
| Cache | None |
| BIOS | AMI |
| Dimensions | 220mm x 220mm |
| I/O Options | None |
| NPU Options | 80387SX |



| CONNECTIONS | | | |
|---------------------|----------|--------------|----------|
| Purpose | Location | Purpose | Location |
| External battery | JP3 | Turbo switch | JP11 |
| Power LED & keylock | JP9 | Speaker | JP12 |
| Turbo LED | JP10 | Reset switch | JP13 |

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AUVA COMPUTER, INC.

NPM16-H0/NPM20-H0/NPM25-H0

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| USER CONFIGURABLE SETTINGS | | |
|---|--------|-------------------|
| Function | Jumper | Position |
| í Monitor type select monochrome | JP2 | Open |
| Monitor type select color | JP2 | Closed |
| í Bus speed select BUSCLK/2 default for 16MHz CPU | JP8 | pins 1 & 2 closed |
| Bus speed select BUSCLK/4 default for 20 or 25MHz CPU | JP8 | pins 2 & 3 closed |
| í CPU speed select forced slow | JP11 | Closed |
| CPU speed select switchable at keyboard | JP11 | Open |
| í CMOS memory normal operation | JP14 | pins 2 & 3 closed |
| CMOS memory clear | JP14 | pins 1 & 2 closed |

| DRAM CONFIGURATION | | | | |
|--------------------|--------------|--------------|--------------|--------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 512KB | (2) 256K x 9 | NONE | NONE | NONE |
| 1MB | (2) 256K x 9 | (2) 256K x 9 | NONE | NONE |
| 1.5MB | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 | NONE |
| 2MB | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 | (2) 256K x 9 |
| 2MB | (2) 1M x 9 | NONE | NONE | NONE |
| 3MB | (2) 256K x 9 | (2) 256K x 9 | (2) 1M x 9 | NONE |
| 4MB | (2) 1M x 9 | (2) 1M x 9 | NONE | NONE |
| 4.5MB | (2) 1M x 9 | (2) 1M x 9 | (2) 256K x 9 | NONE |
| 5MB | (2) 1M x 9 | (2) 1M x 9 | (2) 256K x 9 | (2) 256K x 9 |
| 6MB | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 | NONE |
| 8MB | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 | (2) 1M x 9 |

| PIPELINE CONFIGURATION | | | |
|------------------------|-------------------|-------------------|-------------------|
| Setting | JP5 | JP6 | JP7 |
| Enabled | pins 2 & 3 closed | pins 1 & 2 closed | pins 2 & 3 closed |
| Disabled | pins 1 & 2 closed | pins 2 & 3 closed | pins 1 & 2 closed |