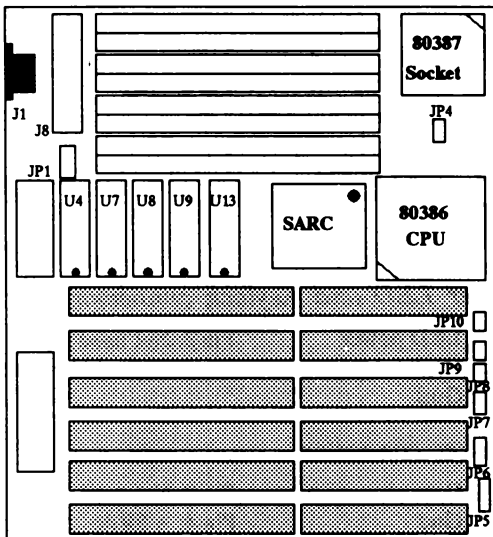


M-326

80386 / 80486

Mainboard User's Guide

Jumper, Connector, and Socket Locations



Key Features

The advanced features of the M326 mainboard include:

- 80386DX 40MHz /33 MHz CPU, or Cyrix / Ti 486DLC 40MHz / 33MHz CPU
- Built-in direct-mapped cache controller with write-back scheme
- Socket support for 80387 coprocessor with hardware detection Memory configurations from 1MB to 32MB using combinations of 256K, 1M, and 4M SIMM modules
- Supports hardware and software turbo switch
- Supports shadow RAM for system and video BIOS
- Half baby size, 4 layer, 220mm x 170mm

Jumper Setting and Connectors

JP1. External battery connector

Pin 1: VDD(6V) Pin 4: Gnd
Pin 2,3: Rechargeable battery pin

JP4. CPU clock select

33MHz 1-2
40MHz 2-3

JP5. Power LED and Keylock connector

Pin 1: LED power Pin 2: Not used
Pin 3: Gnd Pin 4: Keyboard inhibitor
Pin 5: Gnd

JP6. Speaker connector

Pin 1: Data out Pin 2: Not used
Pin 3: Gnd Pin 4: +5Vdc

JP7. Coprocessor installation

Pin 1-2 Not installed Pin 2-3 installed

Note: This jumper must be corrected, otherwise the system will boot failed.

JP8. Turbo LED connector

Pin 1: + Anode Pin 2: -Cathode

JP9. Turbo switch connector

Open: Turbo speed Close: Low speed

You can also switch the clock speed using software control via keyboard commands.

CTRL,ALT,[+]: Press these three keys simultaneously to select Turbo Mode.

CTRL,ALT,[-]: Press these three keys simultaneously to select Low Speed Mode.

JP10. Reset connector

Close: Reset Open: Not reset

Memory Architecture

The mainboard supports the following configurations:

Memory Size	Bank 0	Bank 1
1 MB	256K	—
2 MB	256K	256K
4 MB	1M	—
5 MB	256K	1M
8 MB	1M	1M
16 MB	4M	—
20 MB	1M	4M
32 MB	4M	4M

