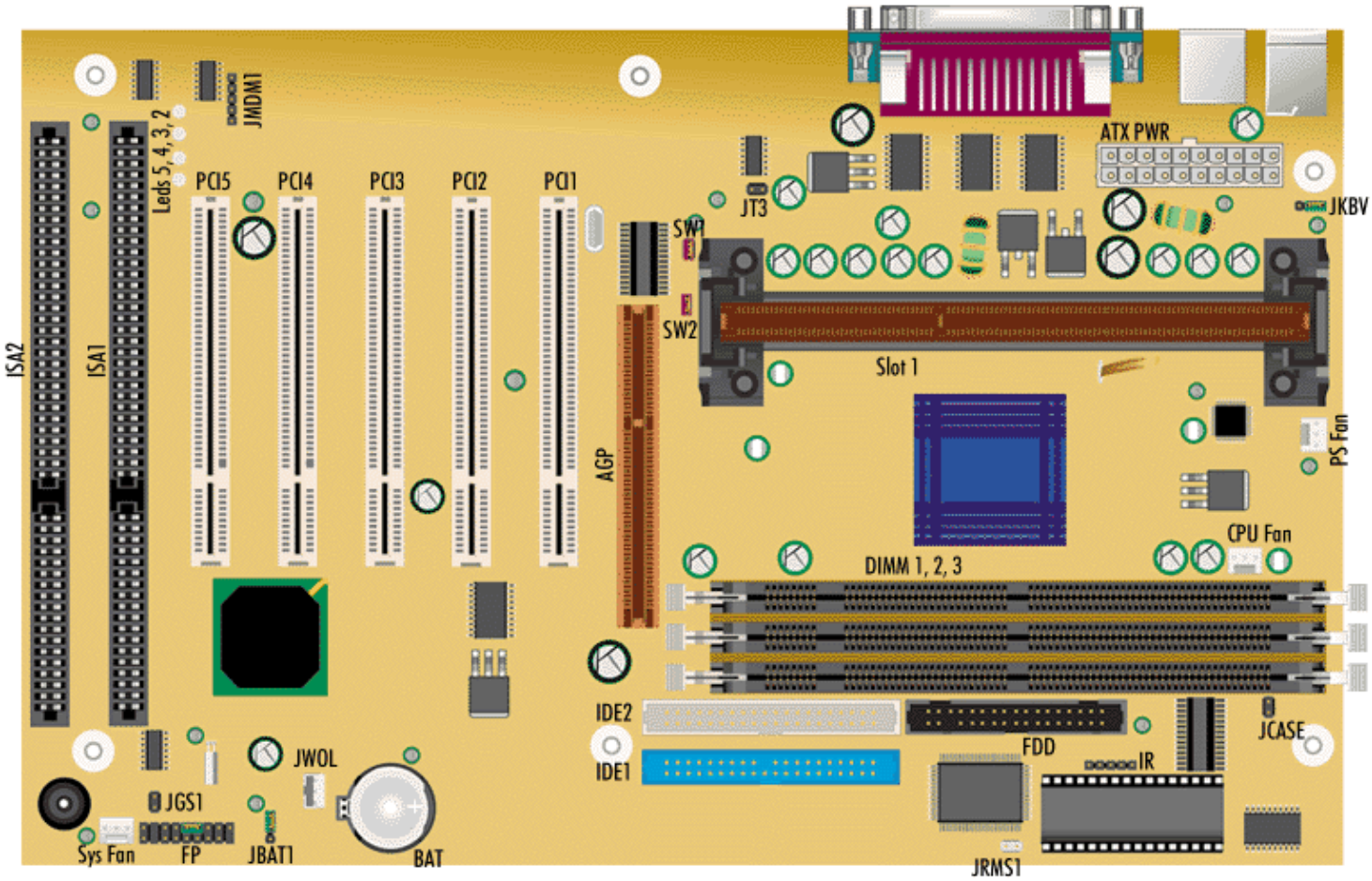
Packard Bell Phoenix M/Board



Specification

- **Bus :** 133 MHz front side bus is supported
- **Cache :** Integrated on the SEC cartridge
- **Chipset :** VIA Apollo Pro133
- **CPU Support :** SEC1 or SEC2 cartridge, placed in Slot 1
- **Expansion Slots :** Four 32-bit Master PCI Bus slots, one ISA slot, one shared PCI/ISA slot
- **Form Factor :** ATX
- **RAM :** Three 168-pin DIMM sockets supporting up to 1.5 GB of SDRAM memory
- **Video :** None

Upgrades

- **CPU :** CPU upgradable using Pentium III up to 800/100 MHz and 800/133 MHz, Pentium II up to 450/100 and Celeron up to 433/66.
- **RAM :** RAM upgradable up to 1.5 GB using 3.3 V gold-plated SDRAM DIMMs. The Phoenix motherboard only accepts 168-pin DIMM modules. Only gold-plated DIMMs may be used, as the sockets on the motherboard are also gold-plated, and oxidation must be prevented. Only use unbuffered 3.3 V SDRAM. Single- or double-sided DIMMs may be used. SDRAM DIMMs may be up to 512 MB big. Memory size and speed can vary between sockets. Parity (×72) DIMMs can be installed, ECC memory checking is supported.

Diagnostic LEDs

Display (LED 2-3-4-5)	BIOS operation
Red - Red - Red - Red	Power on, starting BIOS
Red - Red - Red - Green	Early chipset initialisation
Red - Red - Green - Red	Memory detection test.
Red - Red - Green - Green	Decompressing BIOS image to RAM for fast booting
Red - Green - Red - Red	Initialising keyboard controller
Red - Green - Red - Green	Test shadow RAM
Red - Green - Green - Red	Processor initialisation
Red - Green - Green - Green	Testing RTC
Green- Red - Red - Red	Initialising video interface
Green - Red - Red - Green	BIOS sign on
Green - Red - Green - Red	Testing base and extended memory
Green - Red - Green - Green	Assign resource to all ISA
Green - Green - Red - Red	Initialising hard drive controller
Green - Green - Red - Green	Initialising floppy drive controller
Green - Green - Green - Red	Assign IRQs to PCI devices
Green - Green - Green - Green	Booting operating system

Jumpers

Jumper	Configuration
JP6 - Clear BIOS Settings	**1-2** : Normal operation (default) **2-3** : Clear current BIOS settings
SW1 & SW2 - Set Bus Speed	**Closed, Closed** : Auto **Open, Closed** : 100MHz **Open, Open** : 133MHz
JP11 - Set Keyboard Wakeup	**1-2:** Enable Keyboard WakeUp (default) **2-3:** Disable Keyboard WakeUp