



# Packard Bell 1000 M/Board

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## Specification

- **Battery** : 3.5 Lithium
- **BIOS** : 2 x 32KB, Packard Bell 3.80NP setup. SETUP.COM program on disk
- **Cache** : N/A
- **Clock/Driver** : (RTC)
- **Cover Removal** : 5 Screws at back panel
- **CPU** : 80286-12 MHz, 80286-16 MHz, 80286-20 MHz Hardware Switchable: Turbo button toggles LED SPEED Green 12/16/20 MHz Amber.
- **Drive Cavities** : 3 X 5 1/4" half-height (exposed), 1 X 5 1/4" half-height (enclosed), 1 X 3 1/2" vertical (exposed)
- **I/O Expansion slots** : 4 X 16-bit ISA, 2 X 8-bit ISA
- **Interfaces** :
  - 1 DB-25 Parallel Port
  - 2 x RS232 DB-9 Serial Ports
  - 1 PS/2 Keyboard Port
  - 1 PS/2 Mouse Port
  - 1 15-pin VGA Port
  - 2 15-pin Game Port
- **Power Supply** : 200 watts
- **RAM** : Standard on motherboard : 2MB, Maximum on motherboard : 8MB (use 256Kb, 1MB 9-bit SIMMs, 100ns)
- **Speaker** : Cone on front chassis
- **Video** : Video adapter on expansion slot

## DIP Switches (SW1)

| Switch | Function       | Pins      | Description                    |
|--------|----------------|-----------|--------------------------------|
| S1     | Monitor Type   | ON<br>OFF | * Colour<br>Monochrome         |
| S2     | BIOS Size      | ON<br>OFF | * 256K EPROM<br>128K EPROM     |
| S3     | Speed Select   | ON<br>OFF | * 10 Mhz<br>5 or 8 Mhz         |
| S4     | Speed Select   | ON<br>OFF | * 8 or 10 Mhz<br>5 Mhz         |
| S5     | Floppy Address | ON<br>OFF | * Primary 3Fh<br>Secondary 37h |

|    |          |     |  |
|----|----------|-----|--|
| S6 | Reserved | OFF |  |
| S7 | Reserved | ON  |  |
| S8 | Reserved | ON  |  |

## Upgrades

- **Cache Memory** : This system does not support cache memory.
  - **Maths Co-Processor** : An 80287-10 co-processor can be installed in socket U48, no jumpers need to be changed.
  - **RAM** : Standard on motherboard : 2MB, Maximum on motherboard : 8MB (use 256Kb, 1MB 9-bit SIMMs, 100ns)
  - **Video Memory** : This system has a video card, upgrade depends on card installed.
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