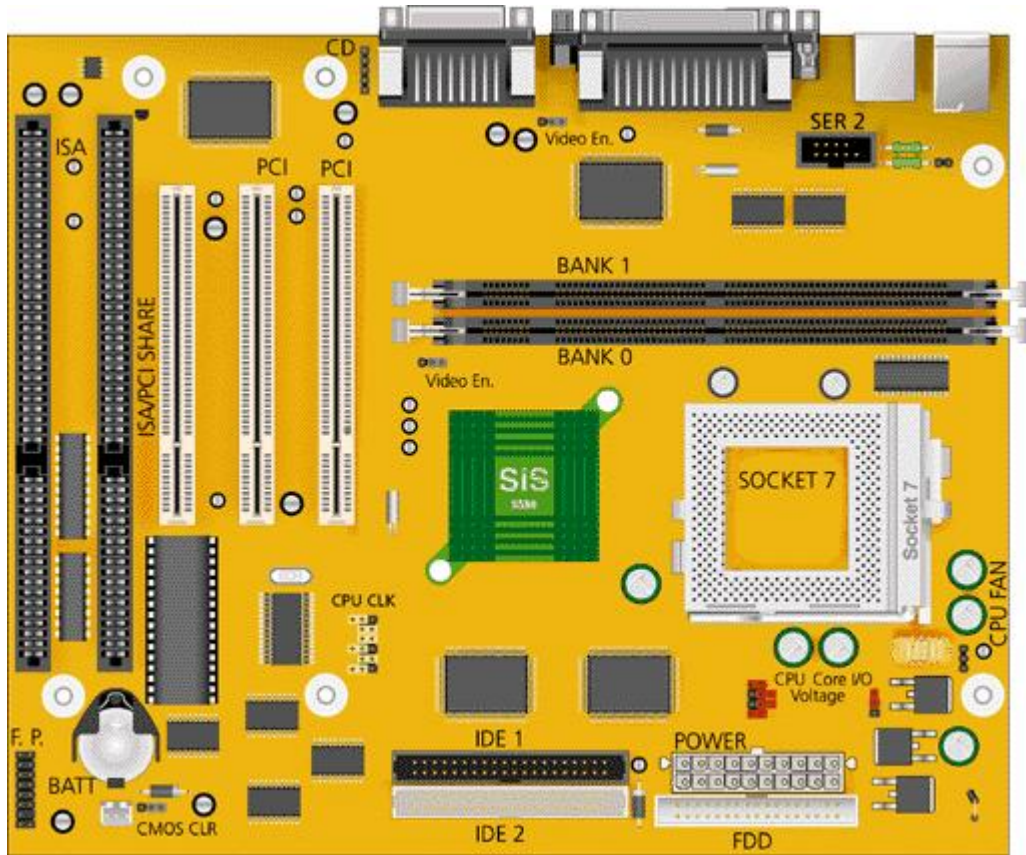


Packard Bell Pegasus M/Board



Specification

- **Audio** : On board ESS ES1869.
- **BIOS** : AWARD BIOS.
- **Cache** : 512 kB Pipeline Burstcache integrated on motherboard. Not upgradable.
- **Chipset** : Sis 5598 ISA/PCI chip.
- **CPU Support** : Socket 7 processors: Intel Pentium 90-233 MMX, Cyrix M2, AMD K6-2.
- **Expansion Slots**: 1 ISA slot, 2 PCI slots, 1 shared ISA/PCI slot.
- **Form Factor** : MicroATX
- **RAM** : 2 DIMM sockets supporting single or double-sided SDRAM up to a maximum of 256 MB.
- **Video** : Integrated in chipset, uses main RAM as video memory.

Upgrade Options

- **RAM** :
 - Maximum on Motherboard: 256 MB
 - Uses 8/16/32/64/128 MB DIMMs, 60ns or faster EDO SDRAM DIMMs
 - Supports only non-parity DIMM modules.
 - The 168-pin DIMM sockets will accept 3.5 V 1 MBx64 (8 MB), 2 MBx64 (16 MB), 4 MBx64 (32 MB), 8 MBx64 (64 MB), and 16 MBx64 (128 MB) DIMMs.
 - Bank 0 will be populated as the default from the factory.
 - No configuration jumpers: BIOS detects memory size, and memory type.

- This motherboard will not accept 36-bit DIMM modules (parity).
- **Video Memory:**
 - The video controller is integrated on the motherboard and the amount of video memory (4 MB) is not upgradeable.
- **Cache Memory:**
 - This system has 512 KB cache memory integrated on the motherboard and it is not upgradeable.
- **Processors :**
 - Motherboard can accommodate the following CPUs: Intel P54C/P55C: 75 - 233 MHz, AMD K6: 266 MHz, AMD K6-2: 300 - 333 MHz, Cyrix MII: 266 - 333
 - When upgrading the CPU, use the CPU Clock Selection jumpers (JP14, JP15, and JP16) to set the host bus frequency and the CPU/Bus Speed Selection jumpers (JP1, JP2, and JP3) to set the clock multiplier.

Configuring the motherboard for Intel CPUs											
	JP1				Rest						
CPU	V0	V1	V2	V3	JP6	SW1	SW2	SW3	SW4	SW5	SW6
Pentium 90	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Pentium 100	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Pentium 120	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Pentium 133	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Pentium 150	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Pentium 166	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Pentium 200	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Pentium 166 MMX	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Pentium 200 MMX	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Pentium 233 MMX	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Configuring the motherboard for other CPUs											
	JP1				Rest						
CPU	V0	V1	V2	V3	JP6	SW1	SW2	SW3	SW4	SW5	SW6
Cyrix M2 300	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
AMD K6-2 333	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
AMD K6-2 366	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Jumpers

Jumper	Function	Configuration
JP2	CMOS Clear	1-2 - Normal Operation 2-3 - Clear CMOS Data Open - Disable Battery

Onboard VGA (JP16, JP25)

Jumper	Pins	Function
JP16	1-2 2-3	Disable onboard video Enable onboard video

JP25	1-2	Enable onboard video
	2-3	Disable onboard video

CPU/DRAM Clock Selection

CPU/DRAM Clock (MHz)	SW1	SW2	SW3
55	ON	ON	OFF
60	ON	OFF	OFF
66	OFF	OFF	OFF
75	OFF	ON	ON

CPU/Bus Speed Ratio Select

Intel CPU/Bus	SW4	SW5	SW6
X1.5/X3.5	OFF	OFF	OFF
X2.0	ON	OFF	OFF
X2.5	ON	ON	OFF
X3.0	OFF	ON	OFF
X4.0	ON	OFF	ON
X4.5	ON	ON	ON
X5.0	OFF	ON	ON
X5.5	OFF	OFF	ON

Core Voltage - JP1

Voltage	VO	V1	V1	V3
2.1v	ON	OFF	OFF	OFF
2.2v	OFF	ON	OFF	OFF
2.3v	ON	ON	OFF	OFF
2.8v	OFF	OFF	OFF	ON
2.9v	ON	OFF	OFF	ON
3.2v	OFF	OFF	ON	ON
3.3v	ON	OFF	ON	ON
3.5v	ON	ON	ON	ON

I/O voltage - JP6

Voltage	JP6
3.3v	OFF
3.45v	ON