

AMI BIOS Beep Codes

The following table contains all AMI BIOS beep codes. Except for Beep Code 8, they are always fatal.

Beep Code	Error message	Description
1 beep	Refresh Failure	The memory refresh circuitry is faulty.
2 beeps	Parity Error	A parity error was detected in the base memory (the first 64 KB block) of memory.
3 beeps	Base 64 KB Memory Failure	Memory failure in first 64 KB.
4 beeps	Timer Not Operational	A memory failure occurred within the first 64 KB of memory, or Timer #1 is not functioning.
5 beeps	Processor error	The CPU (Central Processing Unit) has generated an error.
6 beeps	8042 - Gate A20 Failure	Gate A20 on the keyboard controller (8042) contains the allows the CPU to operate in protected mode. The BIOS is not able to switch the CPU to protected mode.
7 beeps	Processor Exception Interrupt Error	The CPU on the CPU card has generated an exception interrupt.
8 beeps	Display Memory Read/Write Error	The system video adapter is either missing or its memory is faulty. This is not a fatal error.
9 beeps	ROM Checksum Error	The ROM checksum value does not match the value encoded in the BIOS.
10 beeps	CMOS Shutdown Register Read/Write Error	The shutdown register for CMOS RAM has failed.
