

BIOS Settings for the Gigabyte GA-G31M-ES2L motherboard with F8 BIOS

Standard CMOS Features:

Date: [set]
Time: [set]
Drive A: [None]
Floppy 3 Mode Support: [Disabled]
Halt On: [No Errors]

Advanced BIOS Features:

Hard Disk Boot Priority: [set your boot drive as #1]
First Boot Device: [CDROM]
Second Boot Device: [Hard Disk]
Third Boot Device: [Disabled]
Password Check: [setup if desired]
HDD S.M.A.R.T. Capability: [Enabled]
Limit CPUID Max. to 3: [Disabled]
No-Execute Memory Protect: [Enabled]
CPU Enhanced Halt (C1E): [Enabled]
CPU Thermal Monitor 2 (TM2): [Enabled]
CPU EIST Function: [Enabled]
Init Display First: [PEG]
Onboard VGA: [Enable If No Ext PEG]

Integrated Peripherals:

On-Chip Primary PCI IDE: [Disabled]
On-Chip Secondary PCI IDE: [Disabled]
On-Chip SATA Mode: [Auto]
USB Controller: [Enabled]
USB 2.0 Controller: [Enabled]
USB Keyboard Support: [Enabled]
USB Mouse Support: [Enabled]
Legacy USB storage detect: [Enabled]
Azalia Codec: [Auto]
Onboard H/W LAN: [Enabled]
SMART LAN: [Ignore]
Onboard LAN Boot ROM: [Disabled]
Onboard Serial Port 1: [Disabled]
Onboard Parallel Port: [Disabled]

Power Management Setup:

ACPI Suspend Type: [S3(STR)]
Soft-Off by PWR-BTTN: [Instant-Off]
PME Event Wake Up: [Disabled]
Power On by Ring: [Disabled]
Resume by Alarm: [Disabled]

Power Management Setup: (continued)

HPET Support: [Enabled]

HPET Mode: [64-bit Mode]

Power On By Mouse: [Disabled]

Power On By Keyboard: [Disabled]

AC Back Function: [Soft-Off]

** Verify that the CPU Clock Ratio in "MB Intelligent Tweaker (M.I.T.)" matches your CPU's multiplier (8x may be default; your processor may require 9x or 11x)*