



Intel® G41 Chipset

The Intel® G41 Express Chipset is designed to support dual-channel DDR3 1333 (overclocking)/1066/800 architecture, 1333/1066/800 Front Side Bus (FSB), PCIe 1.1, and multi-core CPUs. It especially includes Intel® Fast memory bandwidth and reduces the latency of the memory accesses.



Dual channel DDR3 1333 (O.C.)/1066/800 support

This motherboard supports DDR3 memory that features data transfer rates of 1333 (O.C.)/1066/800 MHz providing great performance for 3D graphics and other memory-demanding applications.



Serial ATA 3Gb/s technology

This motherboard supports hard drives based on the Serial ATA (SATA) 3Gb/s storage specifications, delivering enhanced scalability and doubling the bus bandwidth for high-speed data saving and retrieval.



Gigabit LAN solution

The onboard LAN controller is a highly integrated Gb LAN controller. It is enhanced with an ACPI management function to provide efficient power management for advanced operating systems.

1.3.2 Innovative ASUS features



ASUS EPU

ASUS EPU (Energy Processing Unit) provides total system power management by detecting the current PC loading and intelligently moderating power in real-time. It automatically provides the most appropriate power usage to save power and money.



Turbo Key

ASUS Turbo Key allows you to turn the PC power button into an overclocking button. After you easy setup, Turbo Key boosts performances without interrupting ongoing work or games, simply through pressing the button.



ASUS Q-FAN

ASUS Q-FAN technology intelligently and automatically adjusts CPU fan speed according to system load and temperature, enabling users to work in distraction-free environment with minimal noise.



ASUS Anti-Surge Protection

This special design prevents expensive devices and the motherboard from damage caused by power surges from switching power supply (PSU).