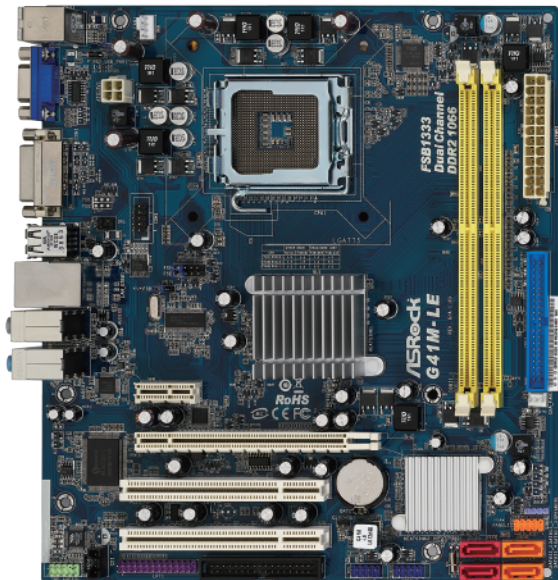


G41M-LE

Intel® G41 + ICH7 Chipsets

ASRock
www.asrock.com



Detail Specification



Platform	- Micro ATX Form Factor: 9.6-in x 8.6-in, 24.4 cm x 21.8 cm
CPU	- LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron® Dual Core / Celeron®, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors - Supports FSB1333/1066/800/533 MHz - Supports Hyper-Threading Technology - Supports Untied Overclocking Technology - Supports EM64T CPU
Chipset	- Northbridge: Intel® G41 - Southbridge: Intel® ICH7
Memory	- Dual Channel DDR2 memory technology - 2 x DDR2 DIMM slots - Supports DDR2 1066/800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB
Expansion Slot	- 1 x PCI Express x16 slot - 1 x PCI Express x1 slot - 2 x PCI slots
Graphics	- Intel® Graphics Media Accelerator X4500 - Pixel Shader 4.0, DirectX 10 - Max. shared memory 352MB - Dual VGA Output: support DVI-D and D-Sub ports by independent display controllers - Supports HDCP function with DVI-D port - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI-D port
Audio	- 7.1 CH Windows® Vista™ Premium Level HD Audio (VIA® VT1708S Audio Codec)
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111DL - Supports Wake-On-LAN
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x VGA/D-Sub Port - 1 x VGA/DVI-D Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 4 x SATAII 3.0 Gb/s connectors (No support for RAID and "Hot Plug" functions) - 1 x ATA100 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x Print port header - 1 x IR header - 1 x COM port header - CPU/Chassis FAN connector - 24 pin ATX power connector - 4 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports)
BIOS Feature	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - SMBIOS 2.3.1 Support - CPU, DRAM, NB, SB, VTT Voltage Multi-adjustment - Supports Smart BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Unique Feature	- ASRock OC Tuner - Intelligent Energy Saver - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® 2000/XP / XP 64-bit / Vista™ / Vista™ 64-bit compliant
Certifications	- FCC, CE, WHQL
Accessories	- Quick Installation Guide, Support CD, I/O Shield - ATA 100 Cable - 1 x SATA Data Cable (Optional) - 1 x SATA 1 to 1 Power Cable (Optional)



FSB
1333
MHz

2x DDR2 1066

Intel® GMA X4500
DX10, PS 4.0

Dual VGA Output:
DVI-D & D-Sub
ports

Full HD 1080p
Blu-ray (BD) / HD-DVD playback

PCIE
Gigabit LAN

OC Tuner

Intelligent
Energy Saver

Smart BIOS

Product Brief

- Intel® Graphics Media Accelerator X4500, Pixel Shader 4.0, DirectX 10, Max. shared memory 352MB
- Dual VGA Output: support DVI-D and D-Sub ports
- Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback
- Supports Smart BIOS, ASRock OC Tuner, Intelligent Energy Saver, Extra ESD Protection

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.