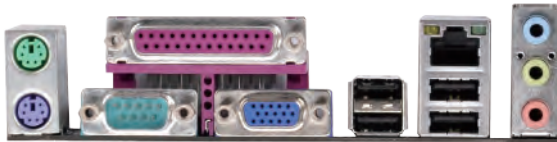


G41M-PS

Intel® G41+ ICH7 Chipsets

ASRock
www.asrock.com



Product Brief

- Solid Capacitor for CPU Power
- Supports FSB1333/1066/800/533 MHz CPUs
- Supports Dual Channel DDR3 1333(OC)
- Intel® Graphics Media Accelerator X4500, DirectX 10, Pixel Shader 4.0, Max. shared memory 1759MB
- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
- Supports ASRock XFast USB, XFast LAN technologies
- Supports Instant Boot, Instant Flash, OC Tuner, OC DNA, SmartView, APP Charger
- Free Bundle: CyberLink MediaEspresso 6.5 Trial; ASRock MAGIX Multimedia Suite


Detail Specification

Platform	- Micro ATX Form Factor: 9.6-in x 7.5-in, 24.4 cm x 19.1 cm - Solid Capacitor for CPU power
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 Unlited Overclocking Technology - Supports EM64T CPU
Chipset	- Northbridge: Intel® G41 - Southbridge: Intel® ICH7
Memory	- Dual Channel DDR3 memory technology - 2 x DDR3 DIMM slots - Supports DDR3 1333(OC)/1066/800 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 1759MB - Supports D-Sub with max. resolution up to 2048x1536 @ 60Hz
Audio	- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Altheros® AR8151 - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports PXE
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Parallel Port (ECP/EPP Support) - 1 x Serial Port: COM1 - 1 x VGA 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: Line in / Front Speaker / Microphone
Connector	- 4 x SATA2 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 - CPU/Chassis FAN connector - 24 pin ATX power connector - 4 pin 12V power connector - 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 - DRAM, NB, SB, VTT Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), CyberLink MediaEspresso 6.5 Trial, ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial; ASRock MAGIX Multimedia Suite - OEM)
Unique Feature	- ASRock OC Tuner - ASRock Intelligent Energy Saver - ASRock Instant Boot - ASRock Instant Flash - ASRock OC DNA - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock XFast LAN - 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® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (Optional)

XFast LAN Technology



1 LAN Application Prioritization



You can configure your application priority ideally and/or add new programs.

2 Lower Latency In Game


2191 ms **594% Faster** 1301 ms

Time latency in World of Warcraft: Cataclysm

■ With XFast LAN ■ Without XFast LAN


After setting online game priority higher in XFast LAN, it can lower the latency in game.

3 Traffic Shaping



You can watch Youtube HD video and download files simultaneously.

4 Real-Time Analysis Of Your Data

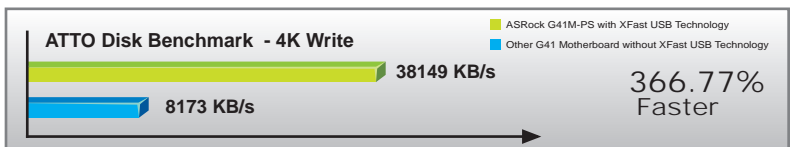
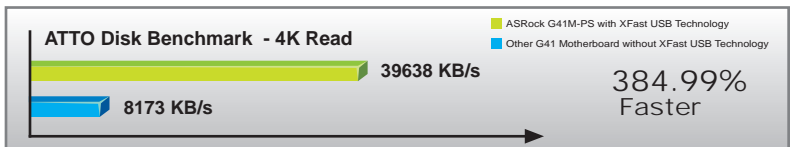


With the status window, you can easily recognize which data streams you are currently transferring.

XFast USB Technology



USB 2.0 Benchmark



Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software



MAGIX Multimedia Suite

The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. Simply do more with your media than you ever thought possible.



Instant Boot

It takes only 3 to 4 seconds to boot up the system to Windows.



Instant Flash

Flash BIOS without having to enter operating systems like MS-DOS or Windows.



SmartView

The smart start page for IE that combines your most visited web sites, history, Facebook friends and real-time newsfeed.



OC Tuner

ASRock OC Tuner is a user-friendly and unified tool which allows you to guard your system by hardware monitor function and overclock your hardware devices to get the best system performance



OC DNA

Save your OC settings as a profile and share with friends. Try OC DNA now!



App Charger

The best Apple charge companion

