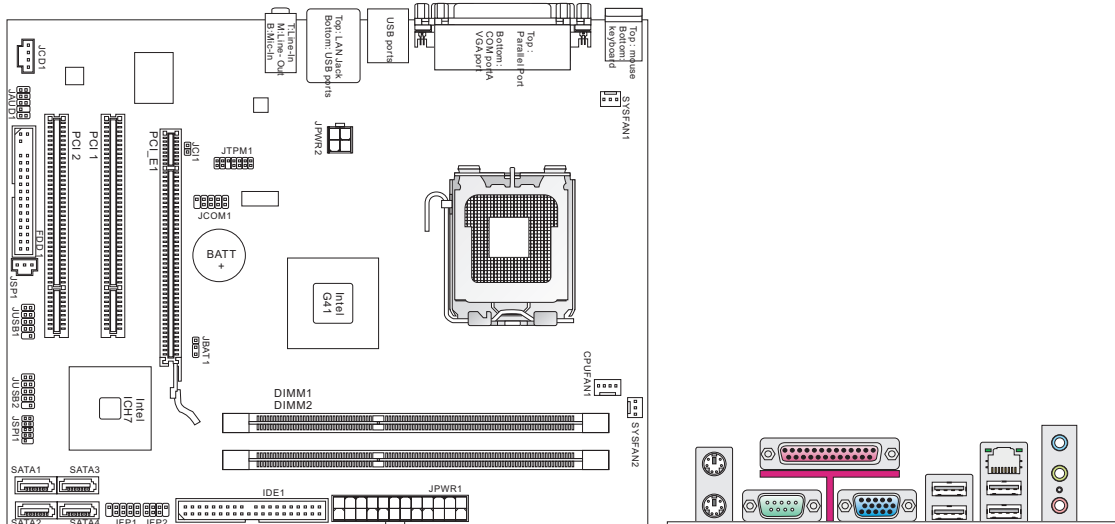


# G41M-S01 (MS-7592v5.2) Micro-ATX Mainboard

Supports Celeron 4xx/ Pentium D 8xx/ 9xx/ Pentium E2XXX/ Core2Dual/ Core2 Quad/ Wolfdale/ Yorkfield processors in LGA775 package



## Mainboard Specification

### Processor Support

- Celeron 4xx/ Pentium D 8xx/ 9xx/ Pentium E2XXX/ Core2Dual/ Core2 Quad/ Wolfdale/ Yorkfield processors in LGA775 package
- Support 4 pin CPU Fan Pin-Header with Fan Speed Control
- Support FMB 05a@95W

### Supported FSB

- 1333 MHz

### Chipset

- North Bridge: Intel® G41 chipset
- South Bridge: Intel® ICH7 chipset

### Memory Support

- DDR3 1066/800 (4GB Max )
- 2 DDR3 DIMMs (240pin / 1.5V)

### LAN

- Supports Atheros® AR8132M(10/100)
- - Compliance with PCI 2.2
- - Supports ACPI Power Management

### Audio

- Chip integrated by VIA® VT1708S (for the mainboard with 3 flexible audio jacks), supports HD 6-channel audio-out
- Supports vista premium compliance Note:To reach the 8-channel sound effect, the 7th and 8th channels must be output from front panel if you purchase the mainboard with 3 audio jacks.

### IDE

- 1 IDE port by Intel® ICH7
- Supports Ultra DMA 33/66/100 mode
- Supports PIO, Bus Master operation mode

### SATA

- 4 SATAII ports by Intel® ICH7
- Supports storage and data transfers at up to 3 Gb/s

### Floppy

- 1 floppy port
- Supports 1 FDD with 360KB, 720KB, 1.2MB, 1.44MB and 2.88MB

### Connectors

- Back panel
  - 1 PS/2 mouse port
  - 1 PS/2 keyboard port
  - 1 serial port (COM1)
  - 1 VGA port
  - 1 parallel port supporting SPP/EPP/ECP mode
  - 4 USB 2.0 ports
  - 1 LAN jack (10/100)
  - 3 flexible audio jacks
- On-Board Pinheaders/ Connectors
  - 2 USB 2.0 pinheaders
  - 1 Chassis Intrusion Switch pinheader
  - 1 Serial port connector
  - 1 CD-In connector
  - 1 SPDIF-Out pinheader
  - 1 Front Panel Audio pinheader
  - 1 TPM Module pinheader

### Slots

- 1 PCI Express x16 slot
- 2 PCI slots
- Support 3.3V/ 5V PCI bus Interface

### Form Factor

- Micro-ATX (24.38cm X 19.30cm)

### Feature on Focus

- USB Safeguard
- M-Flash included

### Mounting

- 6 mounting holes