

G41C-S



1. 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
 2. Intel® G41 + ICH7 Chipsets
 3. Supports FSB1333/1066/800/533 MHz
 4. Supports Dual Channel DDR3 1333(OC)/1066/800, 2 x DIMM slots, Max. capacity up to 8GB; Dual Channel DDR2 800/667/533, 2 x DIMM slots, Max. capacity up to 8GB
- Intel® Graphics Media Accelerator X4500, Pixel Shader 4.0, DirectX 10, Max. shared memory 1759MB
 - 1 x PCI Express x16 slot
 - 4 x SATAII 3.0 Gb/s connectors
 - 10/100 Ethernet
 - Supports ASRock Instant Boot, Instant Flash, OC DNA
 - Supports ASRock OC Tuner, Intelligent Energy Saver
 - EuP Ready
 - 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
 - Windows® 7 Logo Ready
 - Free Bundle : CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial
 - I/O Panel: 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



Product Specifications

General	
CPU	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Northbridge: Intel® G41 - Southbridge: Intel® ICH7
Memory	<ul style="list-style-type: none"> - Dual Channel DDR3/DDR2 memory technology* - 2 x DDR3 DIMM slots - Supports DDR3 1333(OC)/1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB** - 2 x DDR2 DIMM slots - Supports DDR2 800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB** <p>*DDR3 and DDR2 are supported separately.</p> <p>**Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.</p>
BIOS	<ul style="list-style-type: none"> - 8Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - SMBIOS 2.3.1 Support - VCCM, NB, VTT, GTLRef Voltage Multi-adjustment
Audio, Video and Networking	
Graphics	<ul style="list-style-type: none"> - Intel® Graphics Media Accelerator X4500 - Pixel Shader 4.0, DirectX 10 - Max. shared memory 1759MB*

	<ul style="list-style-type: none"> - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz <p>*The shared memory size is dynamically controlled by VGA driver, and the Max. shared memory size will be available only when more than 4GB memory is installed under 64-bit OS.</p>
Audio	<ul style="list-style-type: none"> - 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
LAN	<ul style="list-style-type: none"> - Realtek PCIE x1 LAN 8103EL / 8102EL - Speed: 10/100 Ethernet - Supports Wake-On-LAN
Expansion / Connectivity	
Slots	<ul style="list-style-type: none"> - 1 x PCI Express x16 slot - 1 x PCI Express x1 slot - 2 x PCI slots
Connector	<ul style="list-style-type: none"> - 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 - CPU/Chassis/Power 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)
Rear Panel I/O	<p>I/O Panel</p> <ul style="list-style-type: none"> - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 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
Other Features / Miscellaneous	
Unique Feature	<ul style="list-style-type: none"> - ASRock OC Tuner - Intelligent Energy Saver - Instant Boot - ASRock Instant Flash - ASRock OC DNA - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Support CD	<ul style="list-style-type: none"> - Drivers, Utilities, AntiVirus Software (Trial Version), ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial)
Accessories	<ul style="list-style-type: none"> - Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (optional)
Hardware Monitor	<ul style="list-style-type: none"> - CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
Form Factor	<ul style="list-style-type: none"> - Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm
OS	<ul style="list-style-type: none"> - Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	<ul style="list-style-type: none"> - FCC, CE - EuP Ready (EuP ready power supply is required)

Caution:

Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

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