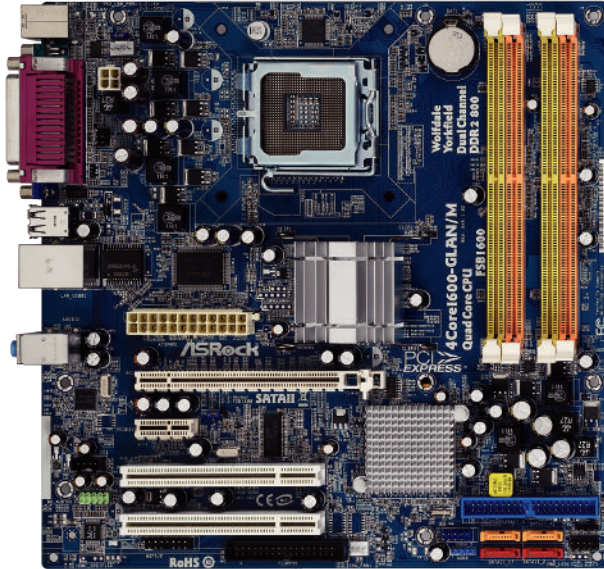


# 4Core1600-GLAN/M

Intel® G31 + ICH7 Chipsets

**ASRock®**  
www.asrock.com



Yorkfield & Wolfdale CPU

FSB 1600 MHz

DDR2 800 x4

PCI-E Gigabit LAN

Intel® GMA 3100 Direct X9.0



## Product Brief

- LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron®, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors
- Compatible with all FSB1600/1333/1066/800MHz CPUs
- Dual Channel DDR2 800/667 (4 x DIMM slots) with max. capacity up to 4GB
- Intel® Graphics Media Accelerator 3100, DirectX 9.0, Max. shared memory 384MB
- 1 x PCI Express x16 slot
- Supports PCIE Gigabit LAN 10/100/1000 Mb/s
- 4 x SATAII 3.0 Gb/s connectors
- 1 x WiFi/E header
- Windows® Vista™ Premium 2007 Logo Ready

## Detail Specification



<b>Platform</b>	- Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm
<b>CPU</b>	- LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron®, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors - Compatible with all FSB1600/1333/1066/800MHz CPUs - Supports Hyper-Threading Technology - Supports Unified Overclocking Technology - Supports EM64T CPU
<b>Chipset</b>	- Northbridge: Intel® G31 - Southbridge: Intel® ICH7
<b>Memory</b>	- Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDR2 800/667 non-ECC, un-buffered memory - Max. capacity of system memory: 4GB
<b>Hybrid Booster</b>	- CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
<b>Expansion Slot</b>	- 1 x PCI Express x16 slot - 1 x PCI Express x1 slot - 2 x PCI slots
<b>Graphics</b>	- Intel® Graphics Media Accelerator 3100 - Pixel Shader 2.0, DirectX 9.0 - Max. shared memory 384MB
<b>Audio</b>	- 5.1 CH Windows® Vista™ Premium Level HD Audio (ALC662 Audio Codec)
<b>LAN</b>	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111B/RTL8111C - Supports Wake-On-LAN
<b>Rear Panel I/O</b>	ASRock 6CH I/O - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 1 x VGA Port - 1 x Parallel Port (ECP/EPP Support) - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port - HD Audio Jack: Line in / Front Speaker / Microphone
<b>Connector</b>	- 4 x Serial ATAII 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 DeskExpress Hot Plug Detection 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 3 USB 2.0 ports) - 1 x WiFi/E header
<b>BIOS Feature</b>	- 4Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version)
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
<b>OS</b>	- Microsoft® Windows® 2000 / XP / XP 64-bit / Vista™ / Vista™ 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 100 cables - 1 x SATA data cable (optional) - 1 x SATA 1 to 1 power cable (optional)

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.