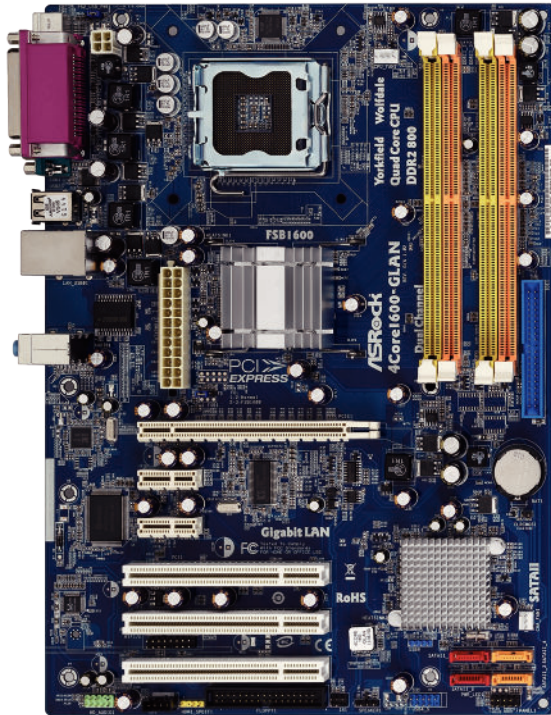


4Core1600-GLAN

Intel® P31/G31 + ICH7 Chipsets

ASRock®
www.asrock.com



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
- 1 x PCI Express x16 slot
- Supports **PCIe Gigabit LAN** 10/100/1000 Mb/s
- 4 x SATAII 3.0 Gb/s connectors
- **HDMI_SPDIF header**, providing SPDIF audio output to HDMI VGA card, allows the system to connect HDMI Digital TV/projector/LCD devices
- 1 x **WiFi/E** header
- Windows® Vista™ Premium 2007 Logo Ready

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.

Detail Specification



Platform	- ATX Form Factor: 12.0-in x 8.6-in, 30.5 cm x 21.8 cm
CPU	- 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
Chipset	- Northbridge: Intel® P31/G31 - Southbridge: Intel® ICH7
Memory	- 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
Hybrid Booster	- CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Expansion Slot	- 1 x PCI Express x16 slot - 2 x PCI Express x1 slots - 3 x PCI slots
Graphics	N/A
Audio	- 5.1 CH Windows® Vista™ Premium Level HD Audio (ALC662 Audio Codec)
LAN	- PCIe x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111B/RTL8111C - Supports Wake-On-LAN
Rear Panel I/O	ASRock 6CH I/O Pro - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 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
Connector	- 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 - 1 x HDMI_SPDIF 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
BIOS Feature	- 4Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
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 - Floppy/ATA 100 cables - 1 x SATA data cable (optional) - 1 x SATA 1 to 1 power cable (optional) - 1 x HDMI_SPDIF cable (optional)