

1-2 Product Specifications

CPU	<ul style="list-style-type: none">• Support for an Intel® Core™ 2 Extreme processor/ Intel® Core™ 2 Quad processor/Intel® Core™ 2 Duo processor/ Intel® Pentium® processor/Intel® Celeron® processor in the LGA 775 package (Go to GIGABYTE's website for the latest CPU support list.)• L2 cache varies with CPU
Front Side Bus	<ul style="list-style-type: none">• 1333/1066/800 MHz FSB
Chipset	<ul style="list-style-type: none">• North Bridge: Intel® G41 Express Chipset• South Bridge: Intel® ICH7
Memory	<ul style="list-style-type: none">• 2 x 1.8V DDR2 DIMM sockets supporting up to 8 GB of system memory ^(Note 1)• Dual channel memory architecture• Support for DDR2 800/667 MHz memory modules (Go to GIGABYTE's website for the latest memory support list.)
Onboard Graphics	<ul style="list-style-type: none">• Integrated in the North Bridge
Audio	<ul style="list-style-type: none">• Realtek ALC888B codec• High Definition Audio• 2/4/5.1/7.1-channel ^(Note 2)• Support for S/PDIF In/Out• Support for CD In
LAN	<ul style="list-style-type: none">• RTL8111C/D(L) chip (10/100/1000 Mbit)
Expansion Slots	<ul style="list-style-type: none">• 1 x PCI Express x16 slot, running at x16• 1 x PCI Express x1 slot• 2 x PCI slots
Storage Interface	<ul style="list-style-type: none">• South Bridge:<ul style="list-style-type: none">- 1 x IDE connector supporting ATA-100/66/33 and up to 2 IDE devices- 4 x SATA 3Gb/s connectors supporting up to 4 SATA 3Gb/s devices• iTE IT8718 chip:<ul style="list-style-type: none">- 1 x floppy disk drive connector supporting up to 1 floppy disk drive
USB	<ul style="list-style-type: none">• Integrated in the South Bridge• Up to 8 USB 2.0/1.1 ports (4 on the back panel, 4 via the USB brackets connected to the internal USB headers)

Internal Connectors	<ul style="list-style-type: none"> ♦ 1 x 24-pin ATX main power connector ♦ 1 x 4-pin ATX 12V power connector ♦ 1 x floppy disk drive connector ♦ 1 x IDE connector ♦ 4 x SATA 3Gb/s connectors ♦ 1 x CPU fan header ♦ 1 x system fan header ♦ 1 x front panel header ♦ 1 x front panel audio header ♦ 1 x CD In connector ♦ 1 x S/PDIF In/Out header ♦ 2 x USB 2.0/1.1 headers ♦ 1 x serial port header ♦ 1 x chassis intrusion header ♦ 1 x power LED header
Back Panel Connectors	<ul style="list-style-type: none"> ♦ 1 x PS/2 keyboard port ♦ 1 x PS/2 mouse port ♦ 1 x parallel port ♦ 1 x serial port ♦ 1 x D-Sub port ♦ 4 x USB 2.0/1.1 ports ♦ 1 x RJ-45 port ♦ 3 x audio jacks (Line In/Line Out/Microphone)
I/O Controller	<ul style="list-style-type: none"> ♦ ITE IT8718 chip
Hardware Monitor	<ul style="list-style-type: none"> ♦ System voltage detection ♦ CPU temperature detection ♦ CPU/System fan speed detection ♦ CPU overheating warning ♦ CPU/System fan fail warning ♦ CPU fan speed control ^(Note 3)
BIOS	<ul style="list-style-type: none"> ♦ 2 x 8 Mbit flash ♦ Use of licensed AWARD BIOS ♦ Support for DualBIOS™ ♦ PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b

Unique Features	<ul style="list-style-type: none"> ◆ Support for @BIOS ◆ Support for Q-Flash ◆ Support for Virtual DualBIOS ◆ Support for Download Center ◆ Support for Xpress Install ◆ Support for Xpress Recovery2 ◆ Support for EasyTune ^(Note 4) ◆ Support for Easy Energy Saver ^(Note 5) ◆ Support for Time Repair ◆ Support for Q-Share
Bundled Software	◆ Norton Internet Security (OEM version)
Operating System	◆ Support for Microsoft® Windows® Vista/XP
Form Factor	◆ Micro ATX form factor; 24.4cm x 19.4cm

(Note 1) Due to Windows Vista/XP 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than 4 GB.

(Note 2) To configure 7.1-channel audio, you need connect with the port of HD Audio standard via front panel and enable the multi-channel audio feature through the audio driver.

(Note 3) Whether the CPU fan speed control function is supported will depend on the CPU you install.

(Note 4) Available functions in EasyTune may differ by motherboard model.

(Note 5) Due to the hardware limitation, you must install the Intel® Core™ 2 Extreme/ Core™ 2 Quad/ Core™ 2 Duo/ Pentium Dual-Core/ Celeron Dual-Core/ Celeron 400 Series CPU to enable support for Easy Energy Saver.