



- Supports 4<sup>th</sup> Generation Intel® Core™ processors
- GIGABYTE Ultra Durable™ 4 Plus Technology
- GIGABYTE Hybrid digital power engine
- GIGABYTE UEFI DualBIOS™
- Multi-GPU Support
- GIGABYTE 333™ Onboard Acceleration (USB 3.0, SATA 3.0 & 3x USB Power)
- GIGABYTE On/Off Charge™ for USB devices
- LAN with high ESD Protection
- HDMI 1.4, DVI, D-SUB
- Intel® Small Business Advantage

#### Where to Buy



CPU	<ol style="list-style-type: none"> <li>1. Support for Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1150 package</li> <li>2. L3 cache varies with CPU</li> </ol> <p>(Please refer "CPU Support List" for more information.)</p>
Chipset	<ol style="list-style-type: none"> <li>1. Intel® B85 Express Chipset</li> </ol>
Memory	<ol style="list-style-type: none"> <li>1. 4 x 1.5V DDR3 DIMM sockets supporting up to 32 GB of system memory <ul style="list-style-type: none"> <li>* Due to a Windows 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than the size of the physical memory installed.</li> </ul> </li> <li>2. Dual channel memory architecture</li> <li>3. Support for DDR3 1600/1333 MHz memory modules</li> <li>4. Support for non-ECC memory modules</li> <li>5. Support for Extreme Memory Profile (XMP) memory modules</li> </ol> <p>(Please refer "Memory Support List" for more information.)</p>
Onboard Graphics	<p>Integrated Graphics Processor:</p> <ol style="list-style-type: none"> <li>1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz</li> <li>2. 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz <ul style="list-style-type: none"> <li>* The DVI-D port does not support D-Sub connection by adapter.</li> </ul> </li> <li>3. 1 x HDMI port, supporting a maximum resolution of 4096x2160@24 Hz <ul style="list-style-type: none"> <li>* Support for HDMI 1.4a version.</li> </ul> </li> <li>4. Maximum shared memory of 1 GB</li> </ol>
Audio	<ol style="list-style-type: none"> <li>1. Realtek® ALC892 codec</li> <li>2. High Definition Audio</li> </ol>

	<ol style="list-style-type: none"> <li>2/4/5.1/7.1-channel</li> <li>* To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.</li> <li>Support for S/PDIF Out</li> </ol>
<b>LAN</b>	<ol style="list-style-type: none"> <li>Realtek® GbE LAN chip (10/100/1000 Mbit)</li> </ol>
<b>Expansion Slots</b>	<ol style="list-style-type: none"> <li>1 x PCI Express x16 slot, running at x16 (PCIEX16) <ul style="list-style-type: none"> <li>* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.</li> <li>(The PCIEX16 slot conforms to PCI Express 3.0 standard.)</li> </ul> </li> <li>1 x PCI Express x16 slot, running at x4 (PCIEX4)</li> <li>2 x PCI slots</li> </ol>
<b>Multi-Graphics Technology</b>	<ol style="list-style-type: none"> <li>Support for AMD CrossFire™ technology</li> </ol>
<b>Storage Interface</b>	<p>Chipset:</p> <ol style="list-style-type: none"> <li>4 x SATA 6Gb/s connectors (SATA3 0/1/2/3) supporting up to 4 SATA 6Gb/s devices</li> <li>2 x SATA 3Gb/s connectors (SATA2 0/1) supporting up to 2 SATA 3Gb/s devices</li> </ol>
<b>USB</b>	<p>Chipset:</p> <ol style="list-style-type: none"> <li>Up to 4 USB 3.0/2.0 ports (2 ports on the back panel, 2 ports available through the internal USB headers)</li> <li>Up to 8 USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)</li> </ol>
<b>Internal I/O Connectors</b>	<ol style="list-style-type: none"> <li>1 x 24-pin ATX main power connector</li> <li>1 x 8-pin ATX 12V power connector</li> <li>4 x SATA 6Gb/s connectors</li> <li>2 x SATA 3Gb/s connectors</li> <li>1 x CPU fan header</li> <li>3 x system fan headers</li> <li>1 x front panel header</li> <li>1 x front panel audio header</li> <li>1 x S/PDIF Out header</li> <li>1 x USB 3.0/2.0 header</li> <li>2 x USB 2.0/1.1 headers</li> <li>1 x serial port header</li> <li>1 x parallel port header</li> <li>1 x Trusted Platform Module (TPM) header</li> <li>1 x Clear CMOS jumper</li> </ol>
<b>Back Panel Connectors</b>	<ol style="list-style-type: none"> <li>1 x PS/2 keyboard/mouse port</li> <li>1 x D-Sub port</li> <li>1 x DVI-D port</li> <li>1 x HDMI port</li> <li>2 x USB 3.0/2.0 ports</li> <li>4 x USB 2.0/1.1 ports</li> <li>1 x RJ-45 port</li> <li>6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side Speaker Out/Line In/Line Out/Microphone)</li> </ol>
<b>I/O Controller</b>	<ol style="list-style-type: none"> <li>iTE® I/O Controller Chip</li> </ol>

<b>H/W Monitoring</b>	<ol style="list-style-type: none"> <li>1. System voltage detection</li> <li>2. CPU/System temperature detection</li> <li>3. CPU/System fan speed detection</li> <li>4. CPU overheating warning</li> <li>5. CPU/System fan fail warning</li> <li>6. CPU/System fan speed control</li> </ol> <p>* Whether the fan speed control function is supported will depend on the cooler you install.</p>
<b>BIOS</b>	<ol style="list-style-type: none"> <li>1. 2 x 64 Mbit flash</li> <li>2. Use of licensed AMI EFI BIOS</li> <li>3. Support for DualBIOS™</li> <li>4. PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a</li> </ol>
<b>Unique Features</b>	<ol style="list-style-type: none"> <li>1. Support for Q-Flash</li> <li>2. Support for Xpress Install</li> <li>3. Support for APP Center</li> </ol> <p>* Available applications in APP Center may differ by motherboard model. Supported functions of each application may also differ depending on motherboard specifications.</p> <p>@BIOS EasyTune EZ Setup USB Blocker</p> <ol style="list-style-type: none"> <li>4. Support for ON/OFF Charge</li> </ol>
<b>Bundle Software</b>	<ol style="list-style-type: none"> <li>1. Norton Internet Security (OEM version)</li> <li>2. Intel® Rapid Start Technology</li> <li>3. Intel® Smart Connect Technology</li> <li>4. Intel® Small Business Advantage</li> </ol>
<b>Operating System</b>	<ol style="list-style-type: none"> <li>1. Support for Windows 8/7</li> </ol>
<b>Form Factor</b>	<ol style="list-style-type: none"> <li>1. Micro ATX Form Factor; 24.4cm x 22.5cm</li> </ol>
<b>Remark</b>	<ol style="list-style-type: none"> <li>1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.</li> <li>2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP SP1/SP2. If drivers are available from the vendors, we will update them on the GIGABYTE website.</li> </ol>

\* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.

\* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.

\* All trademarks and logos are the properties of their respective holders.

\* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.