GA-H61N-USB3 (rev. 1.0)

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| CPU | 1. Support for an Intel® Core™ i7 series processor/Intel® Core™ i5 series processor/Intel® Core™ i3 series processor/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1155 package<br>2. L3 cache varies with CPU<br><br>(Please refer "CPU Support List" for more information.) |
| Chipset | 1. Intel® H61 Express Chipset |
| Memory | 1. 2 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory<br>   * Due to 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 4 GB.<br>2. Dual channel memory architecture<br>3. Support for DDR3 1333/1066/800 MHz memory modules<br>4. Support for non-ECC memory modules<br><br>(Please refer "Memory Support List" for more information.) |
| Onboard Graphics | Integrated in the Chipset:<br><br>1. 1 x D-Sub port<br>2. 1 x DVI-D port, supporting a maximum resolution of 1920x1200<br>   * The DVI-D port does not support D-Sub connection by adapter.<br>3. 1 x HDMI port, supporting a maximum resolution of 1920x1200 |
| Audio | 1. Realtek ALC889 codec<br>2. High Definition Audio<br>3. 2/4/5.1/7.1-channel<br>   * 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.<br>4. Support for S/PDIF Out |
| LAN | 1. 1 x Realtek RTL8111E chip (10/100/1000 Mbit) |
| Expansion Slots | 1. 1 x PCI Express x16 slot, running at x16<br>   (The PCIEX16 slot conforms to PCI Express 2.0 standard.) |
| Storage Interface | Chipset:<br><br>1. 2 x SATA 3Gb/s connectors (SATA2_0, SATA2_1) supporting up to 2 SATA 3Gb/s devices |

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|  | 2. 1 x eSATA 3Gb/s connector on the back panel supporting up to 1 SATA 3Gb/s device |
| USB | **Chipset:** <br><br> 1. 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) <br><br> **Fresco FL1009 chip:** <br><br> 1. Up to 2 USB 3.0/2.0 ports on the back panel |
| Internal I/O Connectors | 1. 1 x 24-pin ATX main power connector <br> 2. 1 x 4-pin ATX 12V power connector <br> 3. 2 x SATA 3Gb/s connectors <br> 4. 1 x CPU fan header <br> 5. 1 x system fan header <br> 6. 1 x front panel header <br> 7. 1 x front panel audio header <br> 8. 1 x S/PDIF Out header <br> 9. 2 x USB 2.0/1.1 headers <br> 10. 1 x Trusted Platform Module (TPM) header <br> 11. 1 x clearing CMOS jumper |
| Back Panel Connectors | 1. 1 x optical S/PDIF Out connector <br> 2. 1 x coaxial S/PDIF Out connector <br> 3. 1 x D-Sub port <br> 4. 1 x DVI-D port <br> 5. 1 x HDMI port <br> 6. 4 x USB 2.0/1.1 ports <br> 7. 2 x USB 3.0/2.0 ports <br> 8. 1 x eSATA 3Gb/s connector <br> 9. 1 x RJ-45 port <br> 10. 3 x audio jacks (Line In/Line Out/Microphone) |
| I/O Controller | 1. iTE IT8728 chip |
| H/W Monitoring | 1. System voltage detection <br> 2. CPU/System temperature detection <br> 3. CPU/System fan speed detection <br> 4. CPU fan speed control <br>     * Whether the CPU fan speed control function is supported will depend on the CPU cooler you install. |

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| BIOS | 1. 2 x 32 Mbit flash<br>2. Use of licensed AWARD BIOS<br>3. Support for DualBIOS™<br>4. PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b |
| Unique Features | 1. Support for @BIOS<br>2. Support for Q-Flash<br>3. Support for Xpress BIOS Rescue<br>4. Support for Download Center<br>5. Support for Xpress Install<br>6. Support for Xpress Recovery2<br>7. Support for EasyTune<br>    * Available functions in EasyTune may differ by motherboard model.<br>8. Support for Dynamic Energy Saver™ 2<br>9. Support for Smart 6™<br>10. Support for Auto Green<br>11. Support for ON/OFF Charge<br>12. Support for 3TB+ Unlock<br>13. Support for Cloud OC<br>14. Support for Q-Share |
| Bundle Software | 1. Norton Internet Security (OEM version) |
| Operating System | 1. Support for Microsoft® Windows 7/Vista/XP |
| Form Factor | 1. Mini-ITX Form Factor; 17.0cm x 17.0cm |
| Remark | 1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.<br>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. |

* 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.