GA-Z97X-SLI (rev. 1.1)

Overview   Specification   Support   News & Awards

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Intel® Z97 Chipset

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CPU	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 2. L3 cache varies with CPU (Please refer "CPU Support List" for more information.)
Chipset	1. Intel® Z97 Express Chipset
Memory	1. 4 x DDR3 DIMM sockets supporting up to 32 GB of system memory * Due to a Windows 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual

2500(O.C.) / 2400(O.C.) / 2200(O.C.) / 2133(O.C.) / 2000(O.C.) / 1866(O.C.) / 1800(O.C.) / 1600 / 1333 MHz memory modules
4. Support for non-ECC memory modules
5. Support for Extreme Memory Profile (XMP) memory modules

(Please refer "Memory Support List" for more information.)

Onboard Graphics	Integrated Graphics Processor - Intel® HD Graphics support: 1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60Hz 2. 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60Hz * The DVI-D port does not support D-Sub connection by adapter. 3. 1 x HDMI port, supporting a maximum resolution of 4096x2160@24Hz or 2560x1600@60Hz * Support for HDMI 1.4a version. 4. Support for up to 3 displays at the same time 5. Maximum shared memory of 512 MB

LAN	1. Intel® GbE LAN chip (10/100/1000 Mbit)
Expansion Slots	1. 1 x PCI Express x16 slot, running at x16 (PCIEX16) * For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot. 2. 1 x PCI Express x16 slot, running at x8 (PCIEX8) * The PCIEX8 slot shares bandwidth with the PCIEX16 slot. When the PCIEX8 slot is populated, the PCIEX16 slot will operate at up to x8 mode. (The PCIEX16 and PCIEX8 slots conform to PCI Express 3.0 standard.) 3. 3 x PCI Express x1 slots (The PCI Express x1 slots conform to PCI Express 2.0 standard.) 4. 2 x PCI slots

Storage Interface

Chipset:

1. 1 x M.2 PCIe connector (Socket 3, M key, type 2242/2260/2280 SATA & PCIe SSD support)
2. 1 x SATA Express connector
3. 6 x SATA 6Gb/s connectors (M.2, SATA Express, and SATA3 4/5 connectors can only be used one at a time. The SATA3 4/5 connectors will become unavailable when an M.2 SSD is installed.)
4. Support for RAID 0, RAID 1, RAID 5, and RAID 10

USB

Chipset:

1. 6 USB 3.0/2.0 ports (4 ports on the back panel, 2 ports available through the internal USB header)
2. 8 USB 2.0/1.1 ports (2 ports on the back panel, 6 ports available through the internal USB headers)

Internal I/O

1. 1 x 24-pin ATX main power connector
2. 1 x 8-pin ATX 12V power connector
3. 1 x M.2 PCIe connector

9. 1 x front panel header
10. 1 x front panel audio header
11. 1 x S/PDIF Out header
12. 1 x USB 3.0/2.0 header
13. 3 x USB 2.0/1.1 headers
14. 1 x serial port header
15. 1 x parallel port header
16. 1 x Clear CMOS jumper

Back Panel Connectors	1. 1 x PS/2 keyboard/mouse port 2. 1 x D-Sub port 3. 1 x DVI-D port 4. 1 x HDMI port 5. 4 x USB 3.0/2.0 ports 6. 2 x USB 2.0/1.1 ports 7. 1 x RJ-45 port 8. 6 x audio jacks (Center/Subwoofer Speaker Out, Rear Speaker Out, Side Speaker Out, Line In, Line Out, Mic In)
I/O Controller	1. iTE® I/O Controller Chip

Monitoring	5. CPU/CPU OPT/System fan fail warning 6. CPU/CPU OPT/System fan speed control * Whether the fan speed control function is supported will depend on the cooler you install.
BIOS	1. 2 x 64 Mbit flash 2. Use of licensed AMI UEFI BIOS 3. Support for DualBIOS™ 4. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Unique Features	1. Support for APP Center
	   * Available applications in APP Center may differ by motherboard model. Supported functions of each application may also differ depending on motherboard specifications.
	   @BIOS
	   EasyTune
	   EZ Setup
	   Fast Boot
	   ON/OFF Charge
	   Smart TimeLock
	   Smart Recovery 2

Clear All

Bundled Software	1. Norton® Internet Security (OEM version) 2. Intel® Rapid Start Technology 3. Intel® Smart Connect Technology 4. Intel® Smart Response Technology 5. cFosSpeed
Operating System	1. Support for Windows 10/8.1/8/7
Form Factor	1. ATX Form Factor; 30.5cm x 21.4cm
Remark	1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website. 2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP. If drivers are available from the vendors, we will update them on the GIGABYTE website.

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