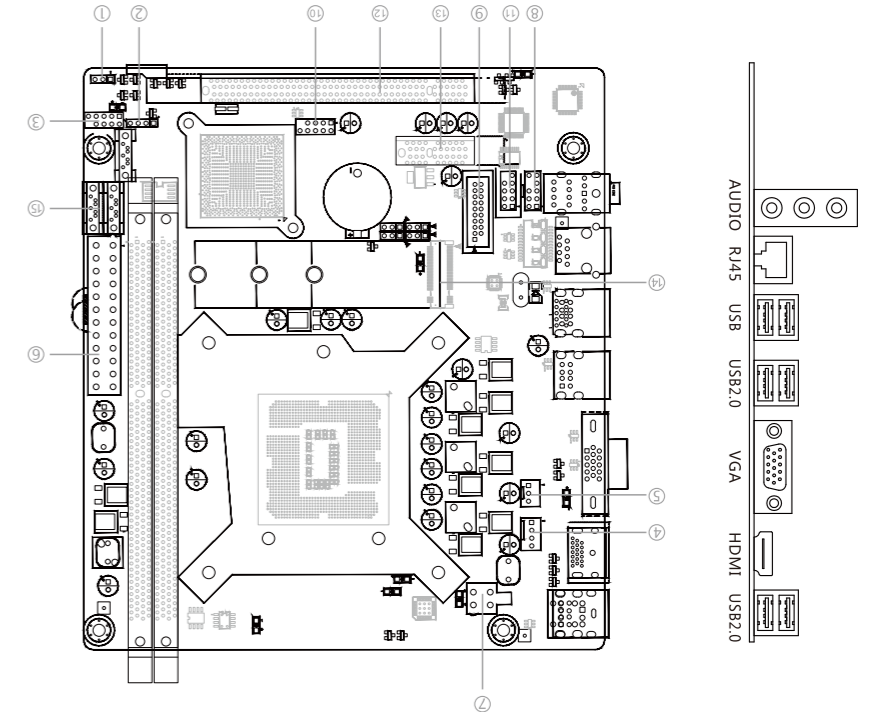


Note: the pictures are just for reference. Please make the object as the standard. Please refer to the part of "Introduction of onboard Interface" about the interface marked in above pictures.



Motherboard layout

ZX-H61C/B75 User's Manual VER: 5.0x/6.0x/7.0x

Statement

The manual is only a technical document, without any content indicating or insinuating the third party. We don't take responsibilities for user's misunderstanding caused by typographical errors. And if any issue of information loss business termination caused directly or indirectly by the manual or product information mentioned in it, our company and our staffs don't take any responsibility. As the products are always being improved or updated, our company reserves the right to revise the manual without notice.

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- Package Contents**
- Motherboard x 1
 - I/O panel x 1
 - SATA cable x 1
 - CD driver x 1
 - User's manual x 1

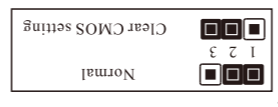
Above accessories are only for reference. Please make the object as the standard. Our company reserves the right to change accessories.

Specification

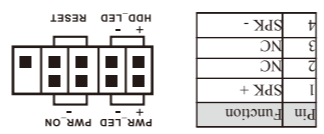
CPU	- Support LGA 1155 Socket I3/I5/I7 series CPU
Chipset	- Intel H61/B75 Chipset (Optional)
Memory	- 2*240-pin DDR3 slots - Memory up to 16GB - Support dual-channel DDR3 1066/1333/1600MHz memory
BIOS	- AMI BIOS
I/O interface	- 1 x VGA port - 1 x HDMI port - 2 x USB 2.0 port (When choosing B75 chipset, USB2.0 will be converted to USB3.0) - 4 x USB 2.0, compatible with USB 1.1 - 1 x Audio port (Line In / Line Out / MIC In) - 1 x RJ45 port
Onboard interface	- 1 x 24-pin ATX power connector - 1 x 4-pin ATX 12V power connector - 1 x USB connectors, can support 2*USB 2.0 - 1 x USB connectors, can support 2*USB 3.0 - 1 x F_AUDIO connector - 1 x F_PANEL connector - 1 x SPEAKER connector - 2 x FAN connectors - 3 x Serial ATA connection ports
Integrated sound	- with 6-channel HD Audio Codec onboard - provides front audio interface; provides front stereo mic interface
Integrated LAN	- with 10/100/1000 Mbps LAN onboard (Optional)
Expansion slot	- 1 x PCI Express x16 slot - 1 x PCI Express x1 slot - 1 x M.2 slot
Dimension	- Micro-ATX (17*19cm)

Introduction of onboard Interface

1 - CMOS (clear CMOS jumper setting)
If CMOS data are damaged, the administrator in BIOS or the user password is forgotten, it's unable to boot because of wrong CPU frequency setting in BIOS, or CPU/memory module changes, it's time to clear CMOS setting. The connector used to clear CMOS setting via the jumper cap. Please reset BIOS to the default.



- 2 - 3 - SPEAKER/PANEL
Power supply switch, reset switch, speaker, system LED, HDD LED, etc., on the PC's front panel, all can be connected to SPEAKER/PANEL connector. Please connect them as the following instruction and pay attention to A/K (+/-).
- 4 - Set CPU speed to the default or suitable data.
5 - Save it and then exit BIOS setup.
- 6 - Turn off the PC and unplug the power cord.
7 - Use the jumper cap to make pin 2-3 short circuited, then move the cap back to pin 1-2 after a few seconds.
8 - If CPU frequency in BIOS is set wrongly, please press the key during the reset process and enter BIOS setup.



- PWR-LED: connected to the power supply LED line on the PC's front panel.
PWR-ON: connected to the power supply switch line on the PC's front panel.
HDD_LED: connected to the HDD LED line on the PC's front panel.
RESET: connected to the reset line on the PC's front panel.
SPEAK: connected to the system speaker line on the PC.



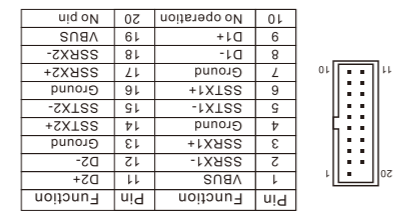
CPU Fan speed will be adjusted by the CPU temperature changing while system monitoring.
S/Fan: system speed will not be adjusted by the system (supply voltage)
The FAN connectors are not jumper connector. Please don't put the jumper cap on the connectors.

4/5-CFAN/SFAN(power supply connectors of cooling FAN)

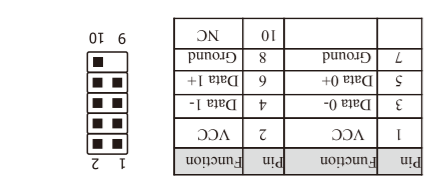
8 - F_AUDIO output connector

Pin	Printed Name	Function
1	PROT_L	MIC_L
2	AGND	Ground
3	PROT_R	MIC_R
4	PRESENCE#	Induction line on front panel
5	PORT2R	Right channel on front panel
6	SENSE1	SENSE1_RETURN
7	SENSE_SEND	Detected signal back from HD encoder
8	NC	NC
9	PORT2L	Left channel on front panel
10	SENSE2	SENSE2_RETURN

Signal detection of left & right channels on front panel



The connectors support USB 2.0/1.1. One connector can support two USB ports with the USB expansion panel. The USB expansion panel is an optional accessory. You could purchase it from the local agency.



- 11 - COM connector
12 - PCI Express x16 slot
13 - PCI Express x1 slot
14 - M.2 slot
15 - SATA slot
I/O interface
- USB : USB connection port
 - HDMI: High Definition Multimedia Interface
 - VGA: Video Graphics Array
 - LAN: RJ-45 network port
 - AUDIO: Line-In (audio input); connects the signals from external audio sources; Line-Out (audio output); connects external audio devices; Mic-In (microphone); connects external MIC.

Quality Guarantee Card 1 year warranty

Dear users:
Thank you for choosing our motherboards very much. To make you more satisfied with our service, please kindly read the following instruction carefully and keep the guarantee card well after purchasing the goods.

Instruction:
Firstly, the information on the card should be filled completely. And the card should have the stamp of the end/direct dealer. If not, to protect your rights, please go back and ask the dealer to stamp it. Otherwise, our company won't provide warranty.

Secondly, our company provides 1 year warranty on the condition that the goods is used normally. Measures as follows:
Within one year since the date of purchase, our company provides free warranty.

Thirdly, the failure under normal use means that it's not artificial damage or damaged by misuse, but natural damage under normal use. In other words, the failure is not caused by abnormal operation, or it occurs not because the user disassembles or troubleshoots the goods without permission.

Fourthly, if the goods has any problem, please return it to the dealer to do after-sale service.
Fifthly, our company won't provide warranty if the failure occurs in the process of using motherboards

- because of the following cases:
1. violate the use of guide.
 2. assemble inappropriately.
 3. use expansion components without legal authentication.
 4. modify or repair the product without permission.
 5. exceed the limit of use .
 6. abnormal force leads to damage.
 7. natural disasters or other indisciplineable elements lead to damage.
 8. fake or contraband goods.
 9. can not provide valid purchase proof or guarantee card.
 10. tear off or damage the anti-forgery tag without permission.

User's Information

User's Name _____ Date of Purchase _____
 Contact Person _____ Tel No. _____
 Address _____
 Model _____ Serial No. _____
 Dealer's Name _____ Tel No. _____
 Address _____

Introduction of onboard Interface



According to the standards of SJ/T11364-2006 in Measures for the Control of Pollution from Electronic Information Products issued by the Ministry of Information Industry of People's Republic of China, here is the description of identifications of the control of pollution, toxic/harmful substances, or elements about the product:

Identifications of toxic/harmful substances or elements in the product: Name and content of toxic/harmful substances or elements in the product

Components	Toxic/harmful substances or elements					
	Pumbum (pb)	Hydrargyrum (hg)	Cadmium (CD)	Hexavalent chromium (cr(vl))	Poly brominated biphenyl (PBB)	Polybrominated Diphenyl Ethers (PBDE)
PCB board	X	0	0	0	0	0
Structural components	0	0	0	0	0	0
Chips	0	0	0	0	0	0
Connection devices	0	0	0	0	0	0
Passive components	0	0	0	0	0	0
Welding metal	0	0	0	0	0	0
Wires	X	0	0	0	0	0
Soldering flux, labels of thermal paste and other materials	0	0	0	0	0	0

0: means the content of the toxic/harmful substance in all homogeneous materials of the component is within the content limit of SJ/T11364-2006.
 X: means at least the content of the toxic/harmful substance in one homogeneous material of the component exceeds the content limit of SJ/T11364-2006.
 Note: the content of pumbum corresponding to X exceeds the content limit of SJ/T11364-2006, but it is in compliance with the exempted items of EU ROHS.