

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(vI))	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.

Quality Guarantee Card

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 warranty on the condition that the goods is used normally.

Measures as follows:
Within one year or three years 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:

- violate the use of guide.
- assemble inappropriately.
- use expansion components without legal authentication.
- modify or repair the product without permission.
- exceed the limit of use .
- abnormal force leads to damage.
- natural disasters or other indisziplinable elements lead to damage.
- fake or contraband goods.
- can not provide valid purchase proof or guarantee card.
- 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

1. JBAT(clear CMOS jumper setting)

If CMOS datas 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 charges, it's time to clear CMOS setting. The connector used to clear CMOS setting via the jumper cap. Please reset BIOS to the default.

Disconnect pin 2-3 short circuit; Clear CMOS setting
Pin 1-2 short circuit (default): Normal

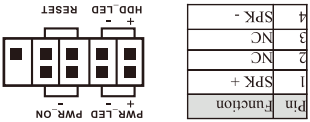


Clear CMOS setting and load the default:

- Turn off the PC and unplng the power cord.
- Use the jumper cap to make pin 2-3 short circuited, then move the cap back to pin 1-2 after a few seconds.
- If CPU frequency in BIOS is set wrongly, please press the key during the reset process and enter BIOS setup.
- Set CPU speed to the default or a suitable data.
- Save it and then exit BIOS setup.

2 / 3-SPEAK/PANEL

Power supply switch, reset switch, speaker, system LED, HDD LED, etc., on the PC's front panel, all can be connected to SPEAKER connector/F_PANEL connector. Please connect them as the following instruction and pay attention to A/K (+/-).



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

CPufan: CPU Fan speed will adjusted by the CPU temperature changing while system monitoring
SVStan: system speed will not adjusted by the system (supply voltage)

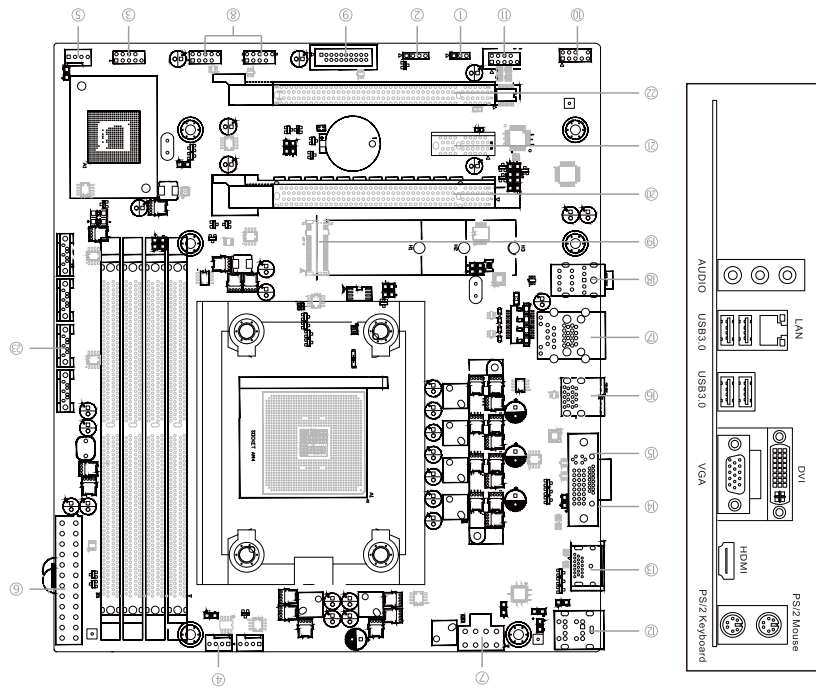
Pin	Function
1	Ground
2	+12V
3	RPM detection
4	Speed control

Pin	Function
1	Ground
2	+12V
3	RPM detection
4	Speed control

The FAN connectors are not jumper connector. Please don't put the jumper cap on the connectors.

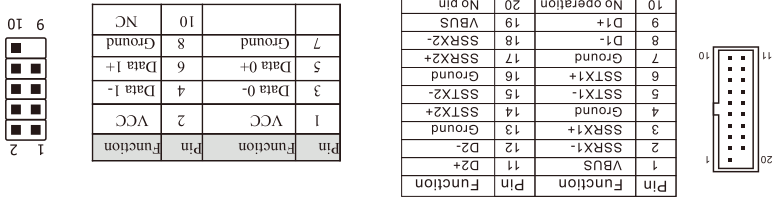
Motherboard layout

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.

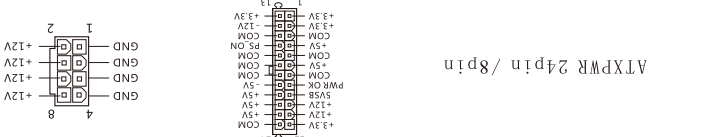


8/9 -F_USB1/F_USB3 connector

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.



ATX PWR12V (8-pin) connectors mainly provides boost voltage for the CPU and Graphics Card



Note: using 20-pin ATX power plug, please make it close to one side of pin 1 & pin 13 and connect it.
connecting ATXPWR/PWR12V power plug. The power plugs are designed in one orientation. Find the proper orientation and connect them.
PWR12V connectors mainly provides power for the motherboard. If it is not connected, the PC can not work.

6/7 -ATX PWR12V (8-pin) 12V power connector/24-pin ATX main power connector

The power supply can provide sufficient and stable power for all components on the motherboard through ATXPWR/PWR12V power plug. Make sure that the power is off and all components are assembled well before connecting ATXPWR/PWR12V power plug. The power plugs are designed in one orientation. Find the proper orientation and connect them.

PWR12V connectors mainly provides power for the motherboard. If it is not connected, the PC can not work.