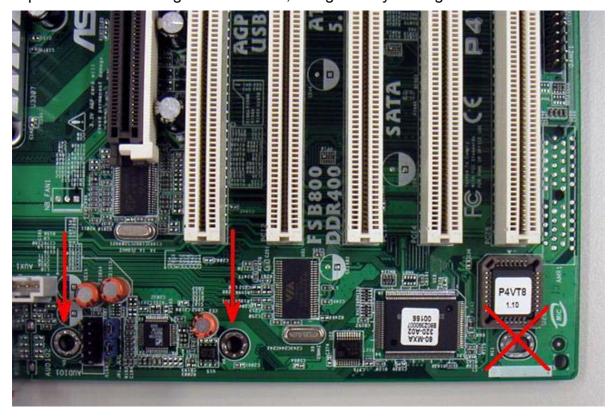


Technical Reference - Q&A

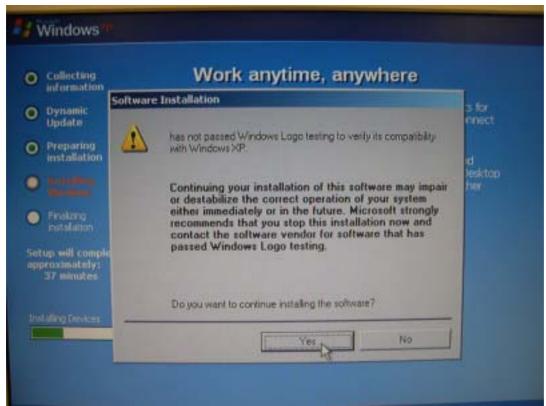
TSD-QA-14 (Dec. 12th, 2003)

- 1. Q: I have an ASRock ATX motherboard. Do I need to screw on the double hole?
- A: ASRock ATX motherboards are ATX specification 1.1 and 2.0 compliant, so the screw hole, which is on the right bottom of board, will be double holes design. According to the ATX specification, it is not necessary to screw this hole, you can please just use a plastic stand to bear this hole. If you still want to screw this hole, please do not over-tighten the screw, doing so may damage the board.



- 2. Q: I'm using an add-on LAN card on my ASRock motherboard. The LAN card provides a "Wake On LAN" connector with a cable. Is there a connector on the motherboard so that I can plug this cable?
- A: There's no need to connect this cable to the motherboard and you are still able to use the "Wake On LAN" feature with the add-on LAN card. To use it, please remember to enable the "PCI Device Power On" option in BIOS.
- 3. Q: My parallel port printer can't work normally with my ASRock motherboard. What should I do now?

- A: Please try to go to BIOS SETUP→ Advanced menu→ Peripheral Configuration→ Parallel Port Mode, and set it to "Normal".
- 4. Q: When I install Windows XP with SATA HDD on K7S8XE+, I found driver logo warning messages during installation. What should I do?
- A: Actually you will see these kinds of warning messages (refer to the following picture) twice during Windows XP installation.



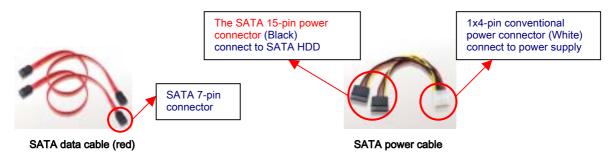
When you see the warning messages, please both select "Yes". However, if you still need the Microsoft certificated SATA driver, it is available at http://www.asrock.com/index_english.html. Please download the driver and save it in a floppy disk before Windows installation.

- 5. Q: I want to use the hot plug feature with my SATA HDD. What requirements do I need to know?
 - A: Please read below operation guide of Serial ATA HDD Hot-Plug on ASRock motherboard carefully.

Before you process the SATA HDD Hot-Plug, please check below cable accessories from the motherboard gift box pack.

7-pin SATA data cable x 2

SATA power cable with SATA 15-pin power connector interface x 1



<Caution>

- 1. Without SATA 15-pin power connector interface, the Serial ATA HDD Hot-Plug cannot be processed.
- 2. Even some SATA HDDs provide both SATA 15pin power connector and IDE 1x4-pin conventional power connector interfaces, the IDE 1x4-pin conventional power connector interface is definitely not able to support Hot-Plug and will cause the HDD damage and data loss.

Points of Attention – Before you start to process the Hot-Plug:

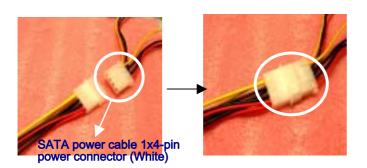
- Below operation procedure is designed only for ASRock motherboard, which supports SATA HDD Hot-Plug.
 - *SATA Hot-Plug support of ASRock motherboard is indicated in the product spec on our web site www.asrock.com.
- 2. Make sure your SATA HDD can support hot-plug function from your dealer or HDD user manual. The SATA HDD, which cannot support hot-plug function, will be damaged under the hot-plug operation.
- Please make sure the SATA driver is installed into system properly.
 The latest SATA driver is available on our support web site www.asrock.com.
- 4. Make sure to use the SATA power cable & data cable, which are from ASRock motherboard package.
- 5. Please follow below instructions step by step to reduce the risk of HDD crash or data loss.

How to Hot-Plug a SATA HDD:

Points of Attention – Before you process the Hot-plug:

Please do follow below instruction sequence to process the Hot-plug, improper plug procedure will cause the SATA HDD damage and data loss.

Step1. Please connect SATA power cable 1x4-pin end (white) to the power supply 1x4-pin cable.



Step3. Connect SATA 15-pin power cable connector (black) end to SATA HDD.



the motherboard's SATA connector.

Step2. Connect SATA data cable to

Step 4. Connect SATA data cable to the SATA HDD.



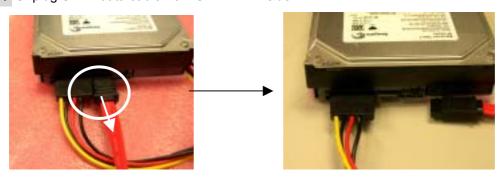


How to Hot-Unplug a SATA HDD:

Points of Attention – Before you process the Hot-Unplug:

Please do follow below instruction sequence to process the Hot-unplug, improper unplug procedure will cause the SATA HDD damage and data loss.

Step1. Unplug SATA data cable from SATA HDD side.



Step2. Unplug SATA 15-pin power cable connector (Black) from SATA HDD side.

