



SATA <--> PATA – IDE Bi-directional adapter INSTALLATION GUIDE

This SATA - IDE Bi-directional adapter is designed for use on any motherboard with one available Serial ATA (SATA) host port or one available IDE port. With this product, end-user can easily add a SATA device to the motherboard's IDE port, or add an IDE device to motherboard's SATA port. This product complies with Ultra ATA 133 and SATA 1.0a specifications and offers superior performance and unmatched data transfer rates

FEATURES & SPECIFICATION

General

- Unique bi-directional SATA / IDE converter
- Supports 3.5" SATA and IDE (ATA) hard drives (supports 2 To or more)
- Supports 5.25" SATA and IDE (ATA) optical drives
- Power-On and HDD-Activity LED indicators
- Ultra low power consumption
- Connectors: one IDE (ATA) connector, one SATA host connector (Yellow), one SATA device connector (Black) and one 4-pin FDD power connector
- Driverless. No driver is needed

Serial ATA Interface

- Complies with SATA 1.0a specification
- Supports SATA Generation1 transfer rate of 1.5 Gb/s (150 Mb/s)
- Supports Spread Spectrum in receiver
- Supports SATA power saving mode: Partial and Slumber

IDE (ATA) Interface

- Complies with ATA specification
- Complies with UltraATA 133 with transfer rate up to 133 Mb/s
- Supports PIO mode 0,1, 2, 3, 4, 5, 6, UDMA mode 0, 1, 2, UltraDMA mode 0, 1, 2, 3, 4, 5, 6
- Supports Master/Slave/Cable Select mode by configuration switches

Package contents

- SATA - IDE Bi-directional adapter x 1
- SATA cable x 1
- Small and big 4-pin power extension Y-cable x 1

INSTALLATION

Connecting an IDE Device to the motherboard's SATA Port:

1. Turn off your computer and all devices connected to it.
2. Remove the computer's cover. Refer to your computer user's manual for more details.
3. Connects your IDE device (such as IDE hard drive or optical drive) to the IDE interface of the product (Figure 1).
4. Connects the Yellow SATA connector on the adapter to the SATA port on the motherboard using a SATA cable (Figure 1)
5. Connect the 4-pin FDD power connector of the product to the motherboard Power Supply Unit (PSU). If there is no 4-pin FDD power plug available on the PSU, please use the included power extension Y-cable to convert the 4-pin HDD power plug to a 4-pin FDD power plug.
6. Place the computer's cover back to the chassis and then turn your computer on.

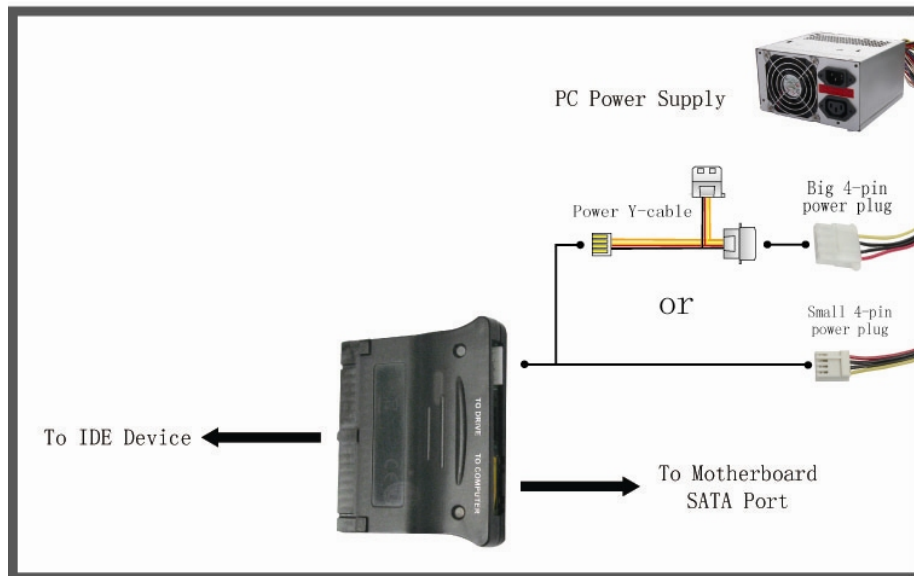


Figure 1: IDE Device to motherboard's SATA Port connection

Connecting a SATA device to the motherboard's IDE Port:

1. Turn off your computer and all devices connected to it.
2. Remove the computer's cover. Refer to your computer user's manual for more details.
3. Depending on the existing IDE devices (if any) on your system, follow the direction below to configure Master/Slave/Cable Select mode of this product (Figure 2).

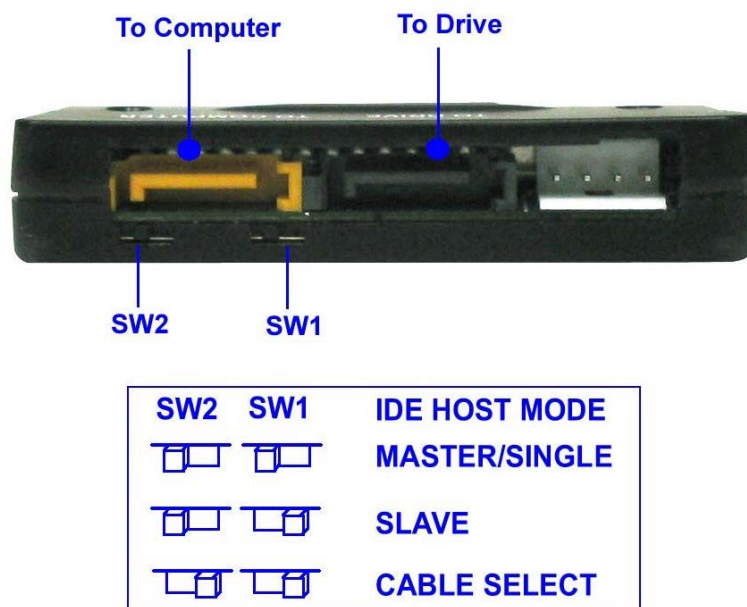


Figure 2: Master/Slave/Cable Select mode configuration

4. Insert this product into an IDE port on the motherboard (Figure 3).
5. Connect the Black SATA connector on the adapter to the SATA device using a SATA cable (Figure 3).
6. Connect the 4-pin FDD power connector of the product to the motherboard Power Supply Unit (PSU). If there is no 4-pin FDD power plug available on the PSU, please use the included power extension Y-cable to convert the 4-pin HDD power plug to a 4-pin FDD power plug

Place the computer's cover back to the chassis and then turn your computer on.

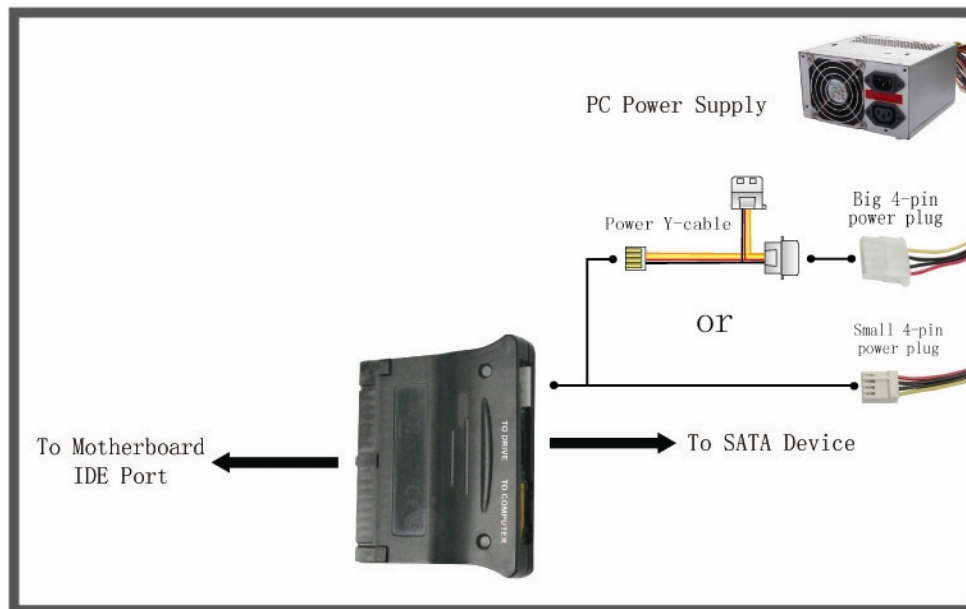


Figure 3: SATA Device to motherboard's IDE Port connection

Troubleshooting and FAQ

-my PATA-IDE peripheral is not recognized: check that the Master/Slave/Cable Select mode of the peripherals are all right. Check that the power cable of the peripheral and of the adapter are connected.

-The adapter supports IDE hard disk unit of 750 Go, SATA hard disk unit of 2 To or more, DVD and Blu-ray optical drive.

-You can not install Windows 98/SE/ME from hard disk connected to the adapter. But you can use hard disk or optical drive with Windows 98/SE/ME, even hard disk of 250 Go.

-If your high capacity hard disk unit is not recognized with Windows 98/SE/ME, format it with the utility **SWISSKNIFE** easily downloadable in Internet.

-You can not burn data with capacity superior to 4 go under Windows 98/SE/ME because of the restraint of the operating system

-this adapter has SunPlus SPIF223A chipset and is compliant with Linux. No support is available for Linux. Ask help to your Linux distribution support.



This product is in compliance with the essential requirements of the European Directives for which it is concerned.
You can download declaration of conformity on the website : <http://www.connectland.eu>