

Introduction

JMB321 is a single chip. It integrates six independent SATA channels and a micro-processor. With proper setting, the chip can be configured as an 1 to 5-ports Serial ATA II Port Multiplier or a 5 to 1-port Serial ATA II Port Selector. JMB321 contains 15 GPIOs which can be configured as various standard interfaces. It also has the capability to load external firmware code to extend its functionality

Features

- Compliant with Serial ATA II Port Multiplier Spec. Revision 1.2
- Compliant with Serial ATA II Port Selector Spec. Revision 1.0
- Compliant with Serial ATA High Speed Serialized AT Attachment Spec. Revision 2.5
- Supports 6-port 3.0 Gbps SATA II interface
- Supports SATA II Gen2i and Gen2m (External SATA Connection, eSATA)
- Automatically speed negotiation for 3 Gbps or 1.5 Gbps
- Supports Native Command Queue (NCQ)
- Supports Hot-Plug
- Supports PM aware and non-PM aware host
- Supports Asynchronous Notification
- Supports ATAPI drives
- Supports partial / slumber power saving mode

GPIO

1. Supports 15 GPIOs
2. Supports I2C interface
3. Supports ISA interface
4. Supports SPI interface
5. Supports firmware extension

Installation

Connect a SATA data cable to the Yellow SATA Port on the card, to a SATA port that supports Port Multiplying.

System Requirements

Windows 8/7 (32 / 64 bit) / Vista / 2008 64 bit / 2003 (32 / 64 bit) / XP / 2000

Package Contents

- 1 x SATA II Port Multiplier 5-Port Card
- 3 x SATA Cable
- 1 x Power Cord
- 1 x User Manual

Note: Purchase products, please make sure your computer has PM features. If this controller card is connected to a SATA port that does not support PM features, you will only see 1 disk in the operating system.