362CB SATA Express ADAPTER Introduction

Overview

The SATA PCI Express Card provides two-port SATA II .It features Express bus and Serial ATA II interface to express high performance storage devices.

SATA II

- Supports 2-port 3.0Gbps SATA II interface
- Supports two independent SATA II channels (separate logic and FIFO)
- Supports Native Command Queue (NCQ) on SATA II port
- Supports SATA II Gen2i and Gen2m (External SATA Connection, eSATA)
- Supports Port Multiplier with Command-based Switching on SATA II port

Express

- Supports 1-Lane 2.5Gbps Express bus
- Internal native interface multiplexed to 2-port SATA II and 1-port PATA
- All registers accessible in unified memory space

Overall

- Integrated 1-Lane PCI Express PHY and 2-port SATA II PHY
- Output swing control and Automatic impedance calibration for both Express and **SATA II PHY**
- Supports a slave SMBus interface (follow ***System Management Bus Specification Revision 1.1***)
- Fabricated 0.18um/3.3V UMC CMOS Standard Logic Process with 1.8V and 3.3V
- Available in 100-pin LQFP package
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System Requirements

Hardware:

- A Pentium® IV or later, Pentium® compatible Notebook running Windows® computer
- One Express slot

Systems supported:

- Windows® 2000/XP/Server 2003

Package Contents

This Card package includes the following:

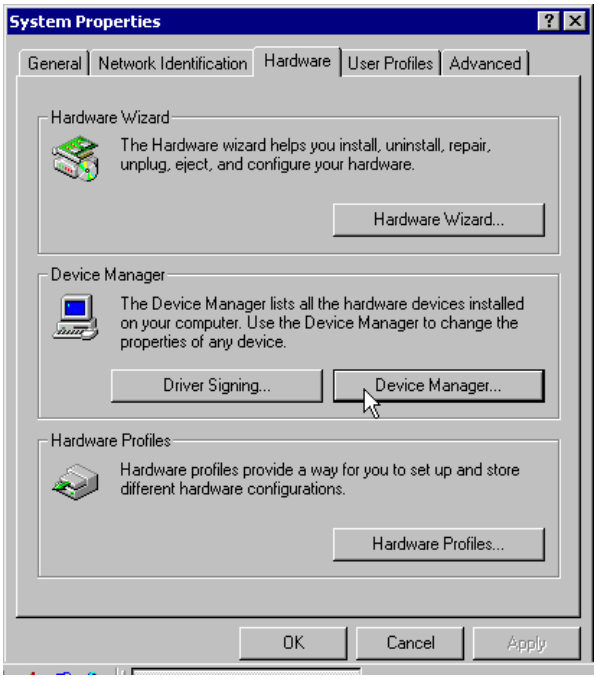
- Installation Guide
- Warranty Card
- CD Driver

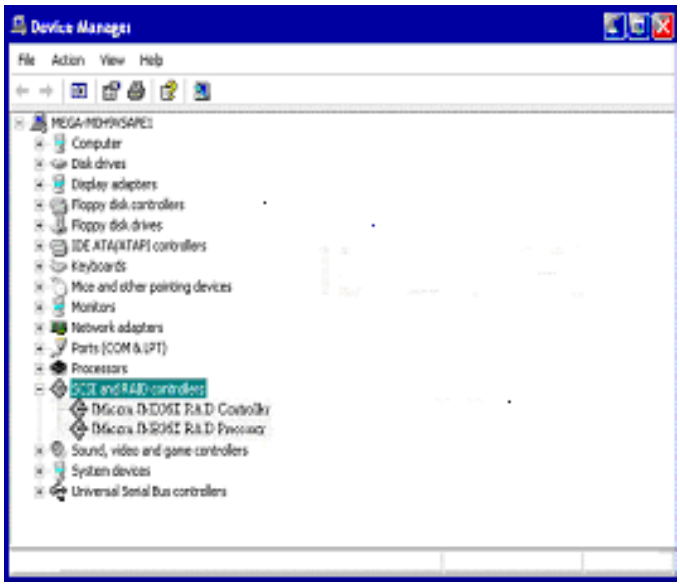
Configuration

The Serial ATA Express Card

Windows® 2000 Drivers Installation Instructions

1. Power on your computer with Windows 2000 system
2. Insert the card to notebook computer Express card slot





3. Run the **D:(CD ROM) Setup** program.
4. This program will copy driver files into your Windows system. Once the files have been copied, restart your computer as prompted.

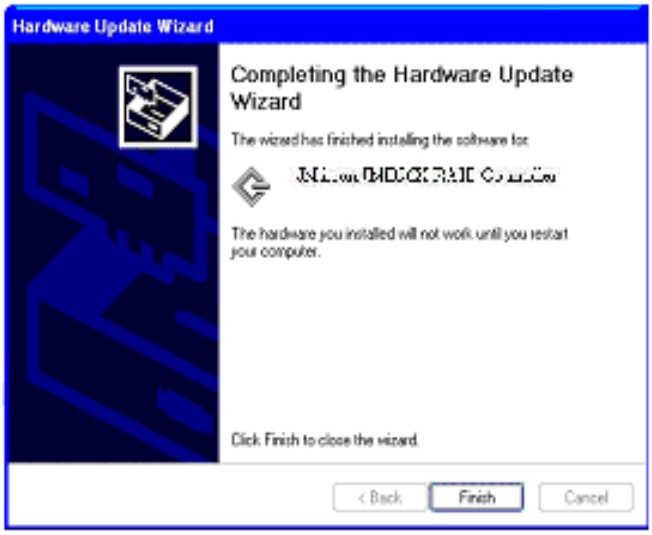
5. After system reboots, Windows will find the new hardware **"RAID Controller"** and install the driver.
6. Restart the computer again to complete the installation.

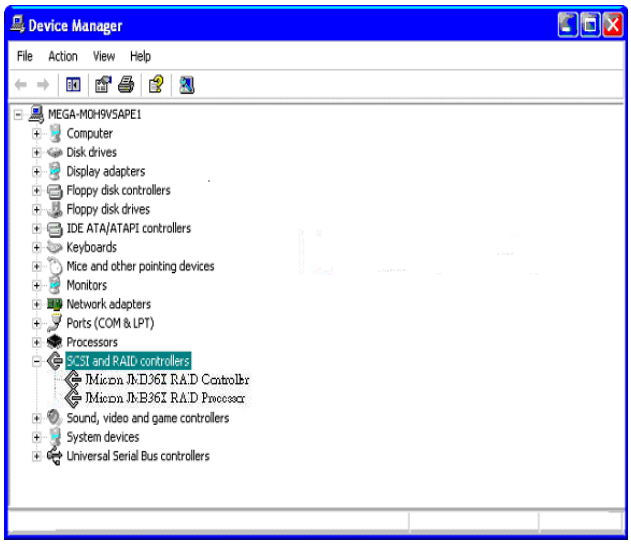
To verify successful installation in Windows 2000:

1. From the main desktop, click on"**My Computer"**, then double-click on **"Control Panel**, **System"**, and**" Device Manager"**.
2. Double-click on **"SCSI & RAID"**, you should find **"JMicron JMB36X RAID Controller"** or **"JMicron JMB36X RAID Processor"**. The RAID card is now ready to use.

Windows XP Driver installation

1. Power ON your notebook computer with Windows XP.
2. Insert the card to computer Express card Slot.
3. Run the **D:(CD ROM) Setup** program.
4. This program will copy driver files into your Windows system. Once the files have been copied, restart your computer as prompted.
5. After system reboots, Windows will find the new hardware **"RAID Controller"** and install the driver.
6. Restart the computer again to complete the installation.





To verify successful installation in Windows® XP:

1. From the main desktop, click on" **My Computer"**, then double-click on **"Control Panel**, **System"**, and**" Device Manager"**.
2. Double-click on **" SCSI & RAID"**, you should find **"JMicron JMB36X RAID Controller"** or **"JMicron JMB36X RAID Processor"**. The RAID card is now ready to use.

Windows Server 2003 Driver installation

1. Power on your notebook with Windows Server 2003.
3. Insert the card to your computer Express Slot.
3. Run the **D:(CD ROM) Setup** program.
4. This program will copy driver files into your Windows system. Once the files have been copied, restart your computer as prompted.
5. After system reboots, Windows will find the new hardware **"RAID Controller"** and install the driver.
6. Restart the computer again to complete the installation.

To verify successful installation in Windows server 2003:

1. From the main desktop, click on"**My Computer"**, then double-click on **"Control Panel**, **System"**, and**"Device Manager"**.
2. Double-click on **"SCSI & RAID"**, you should find **"JMicron JMB36X RAID Controller"** or **"JMicron JMB36X RAID Processor"**. The RAID card is now ready to use.