

PCIe TO M.2(NGFF)+1SATA6G (HDD/SSD)

User Manual Ver. 1.00

Features

- Increase system overall performance by combining a small capacity high performance M.2 SATA SSD and a low cost high capacity hard driver
- Maximum 6Gbits/sec*
- Port Multiplier Compatible
- Hot swappable
- Install into standard height or low profile system
- Compatible with any SATA I, II or III hard drive
- NCQ support
- SATA III max transfer rate of 6.0Gbps*
- M.2 specification revision 0.9
- Serial ATA Spec. Reversion 3.2
- Supports M.2 card size: 22*30, 22*42, 22*60, 22*80, 22*110
- Supports M.2 B Key Card Type

Note: Support M.2(NGFF) SATA SSD

The efficiency mainly depends on M.2(NGFF) SSD master IC and the size of the capacity

Package Contents

- 1 × PCI-e TO M.2+1SATA6G Card
- 1 × User Manual
- 1 × Driver CD
- 1 × SATA Cable
- 2 × Screws(M.2)

Note: Contents may vary depending on country/market.

System Requirements

- Windows 2000/XP/2003/2008/Vista/7/8
- Linux, MAC OS

Driver Installation

For Windows(R) XP/Server 2003 (32bit)

For A New Windows Installation

A new installation requires a floppy disk for the driver installation. To make this floppy disk, copy the contents of the "Marvell\91XX\Driver\miniport\Floppy32" folder found on the driver CD, onto a blank floppy disk then follow the directions below.

1. Follow Microsoft's Windows installation procedure.
2. At the Windows Setup screen, press F6 to install the driver.
3. When prompted, press S to specify the location of the driver.

4. Insert the floppy disk, and then press Enter.
5. Scroll to Marvell shared library (install first) using the arrow keys and press Enter to select.
6. Press S again to select the second device.
7. Scroll to Marvell 9128 SATA Controller 32bit Driver and press Enter to select.
8. Press Enter to complete the installation of drivers.
9. Continue with the Windows OS installation.

For An Existing Windows Installation

1. Please insert the driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive.
2. At the Windows desktop, click Start, and then Run.
3. Type D:\Marvell\9128\Driver\drvSetup.exe, click OK. (Change D:\to match your CD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.
5. Restart Windows to complete the installation.

For Windows(R) XP/Server 2003(64bit)

For A New Windows Installation

A new installation requires a floppy disk for the driver installation. To make this floppy disk, copy the contents of the "Marvell\9128\Driver\miniport\Floppy64" folder found on the driver CD, onto a blank floppy disk then follow the directions below.

1. Follow Microsoft's Windows installation procedure.
2. At the Windows Setup screen, press F6 to install the driver.
3. When prompted, press S to specify the location of the driver.
4. Insert the floppy disk, and then press Enter.
5. Scroll to Marvell shared library (install first) using the arrow keys and press Enter to select.
6. Press S again to select the second device.
7. Scroll to Marvell 9128 SATA Controller 64bit Driver and press Enter to select.
8. Press Enter to complete the installation of drivers.
9. Continue with Windows OS installation.

For An Existing Installation

1. Please insert the Driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive.
2. At the Windows desktop, click Start, and then Run.
3. Type D:\Marvell\9128\Driver\drvSetup.exe, click OK. (Change D:\to match your CD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.
5. Restart Windows to complete the installation.

For Windows(R) 7/Vista (32bit)

For A New Windows Installation

1. Follow Microsoft's Windows installation procedure.
2. At the Windows Setup screen, press Load Driver to install the driver.
3. Insert the Driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive, please select Marvell 9128 SATA 6G Controller (D:\Marvell\9128\Driver\miniport\Floppy32\mv91xx.inf), then press Next. (Change D:\to match your CD-ROM drive letter)

4. Continue with Windows OS installation.

For An Existing Installation

1. Please insert the Driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive.
2. At the Windows desktop, click Start, and then Run.
3. Type D:\Marvell\9128\Driver\drvSetup.exe, click OK. (Change D:\to match your CD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.
5. Restart Windows to complete the installation.

For Windows(R) 7-x64/Vista-x64

For A New Windows Installation

1. Follow Microsoft's Windows installation procedure.
2. At the Windows Setup screen, press Load Driver to install the RAID driver.
3. Insert the Driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive, please select Marvell 9128 SATA 6G Controller (D:\Marvell\9128\Driver\miniport\Floppy64\mv91xx.inf), then press Next. (Change D:\to match your CD-ROM drive letter)
4. Continue with Windows OS installation.

For An Existing Installation

1. Please insert the Driver CD bundled with PCIe SATA 6G Card into your CD-ROM Drive.
2. At the Windows desktop, click Start, and then Run.
3. Type D:\Marvell\9128\Driver\drvSetup.exe, click OK. (Change D:\to match your CD-ROM drive letter)
4. Follow the on-screen instructions to complete the installation.
5. Restart Windows to complete the installation.

To Verify Driver Installation

1. Right click My Computer and click Manage.
2. Select Device Manager.
3. Look for the following:

Windows(R) XP/2003: Double click SCSI and RAID controller:

-Marvell 91xx SATA 6G Controller should be displayed

Windows(R) Vista/7: Double click Storage controllers:

-Marvell 91xx SATA 6G Controller should be displayed