



Embedded Mini PCI-Express 2 port SATA II

Model No.: EMPESA22H

The EMPESA22H 2-Port Mini PCIe to SATA Controller Card lets you add 2 SATA 3Gbps connectors to a small form factor or embedded system, through a Mini PCI Express (Mini Card) expansion slot.

Perfect for upgrading the capabilities of a system that would typically have a very limited number of internal ports, the Mini PCIe to SATA controller card is compatible with all types of Serial ATA devices, including hard drives (HDDs), Solid State Drives (SSD), and optical drives (CD/DVD/BD).

A versatile solution for internal storage applications, this PCI Express to SATA controller card features built-in RAID support (JBOD, BIG, RAID 0, RAID 1), and is backed by a StarTech.com 1-year warranty and free lifetime technical support.

- Maximizes space-efficiency by adding two independent SATA ports through Mini PCI Express, an ideal solution for embedded systems and very small form factor systems
- 48-bit LBA support for the latest large capacity hard drives
- Built-in RAID for either performance or data redundancy

Features

- Two independent eSATA channels
- Fully compatible with SATA revision 1 & 2 hard drives (HDD), Solid State Drives (SSD) and optical drives (CD/DVD/BD)



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- Built-in RAID support (JBOD, BIG, 0, 1)
- Full length Mini PCI Express form factor
- Support for large capacity SATA drives through a 48-bit LBA
- Support for Legacy Command Queuing (LCQ) and Native Command Queuing (NCQ)
- Compliant with PCI Express Mini Card specification 1.2
- Plug-and-Play and hot-swap compatible

Applications

- Add SATA ports to systems with mini PCI Express slots, such as some mini-ITX and smaller boards
- Add internal SATA ports to your small form factor system build