

2 Port PCI Express SATA 6 Gbps eSATA Controller Card - Dual Port PCIe SATA III Card - 2 Int/2 Ext

Product ID: PEXESAT322I



The PEXESAT322I PCI Express SATA III Controller Card (6 Gbps) gives you the option to add 2 internal or external SATA ports to your computer, through a single PCI Express (x1) card slot. The card features on board jumper selection, which enables you to configure the card to provide 2 internal or external SATA III ports, or one of each, as needed.

The SATA III card features Port Multiplier (PM) support on each port, which allows multiple drives to be connected over a single cable when necessary to maximize the number of SATA device connections while reducing the amount of cabling required.

The card is fully compliant with the SATA revision 3.0 specification (up to 6Gbps of data bandwidth), enabling you to utilize the speeds of high performance hard drives and Solid State Drives (SSD), as well as SATA-based optical drives (CD-ROM, DVD-ROM, Blu-Ray).

The PEXESAT322I SATA III Controller card is backed by our 2-year manufacturer warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Upgrade an older PCIe-based system with SATA 6Gbps connectivity, to better utilize faster SATA drives
- Add more internal SATA ports to a computer system, for connecting additional storage drives and/or optical drives
- Add internal and/or external SATA III ports to a computer through a single PCI Express slot, with the option to change the available connections to external/internal, as needed based on updated system requirements or applications

Features

- Two internal/external switchable SATA ports
- Compliant with SATA revision 3.0, which can support up to 6Gbps of bandwidth
- Support for SATA-based optical drives (CD/DVD/BD)
- Uses existing SATA I/II cabling
- Supports Native Command Queuing (NCQ) and ATA/ ATAPI commands
- Port Multiplier FIS-based and Command-based switching supported
- Compliant with PCI Express 2.0 standards
- Includes Low Profile/Half-Height installation bracket

Hardware

Warranty	2 Years
Ports	2
Interface	eSATA & SATA
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASMedia - ASM1061

Performance

Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
Number of Ports That Support Port Multiplier	2 (can use 2 PM at a time)
Number of Drives Supported Through Port Multiplier	1 to 8
Bootable	Yes
LBA support	48-bit



Hardware Raid Supported	No
-------------------------	----

ATAPI Support	Yes
---------------	-----

Connector(s)

Connector Type(s)	PCI Express x1
-------------------	----------------

Internal Ports	SATA (7 pin, Data)
----------------	--------------------

External Ports	eSATA (7 pin, Data)
----------------	---------------------

Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
------------------	---

Environmental

Operating Temperature	0C to 50C (32F to 122F)
-----------------------	-------------------------

Storage Temperature	-20C to 60C (-4F to 140F)
---------------------	---------------------------

Humidity	5% ~ 85% RH
----------	-------------

Physical Characteristics

Material	Steel
----------	-------

Product Length	4.8 in [12.1 cm]
----------------	------------------

Product Width	3.6 in [92 mm]
---------------	----------------

Product Height	0.8 in [20 mm]
----------------	----------------

Weight of Product	1.7 oz [48 g]
-------------------	---------------

Packaging Information

Package Length	5.7 in [14.4 cm]
----------------	------------------

Package Width	6.8 in [17.3 cm]
---------------	------------------

Package Height	1.2 in [30 mm]
----------------	----------------

Shipping (Package) Weight	5.4 oz [152 g]
---------------------------	----------------



**What's in the
Box**

Included in Package	PCIe SATA Controller
	SATA Cable
	Low Profile Bracket
	Driver CD
	Instruction Manual

****Product appearance and specifications are subject to change without notice.***

