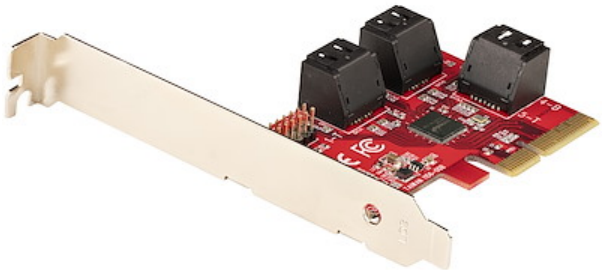
SATA PCIe Card - 6 Port PCIe SATA Expansion Card - 6Gbps - Low/Full Profile - Stacked SATA Connectors - ASM1166 Non-Raid - PCI Express to SATA Converter

Product ID: 6P6G-PCIE-SATA-CARD



This 6-port SATA III (6Gbps) controller enables you to add six SATA 6Gbps Hard Drives (HDDs) or Solid State Drives (SSDs) to your computer system or server via an available PCIe x4 card slot. The card supports SATA III and PCI-Express 3.0 Specifications.

Featuring the ASM1166 controller, this SATA card enables the connection of six high-performance SATA 6Gbps drives with a combined total throughput of up to 16Gbps. The SATA drives are connected via six individual SATA ports located on the card (SATA cables sold separately).

The controller card is widely supported across all popular operating system platforms including Windows (7, 8, 10, 11), macOS (10.10 and above) and Linux (2.6.32 and above). The card also supports port multiplier, giving you the ability to connect multiple drives to a single SATA port (additional hardware required, sold separately).

To further improve motherboard compatibility the card does not have a built-in RAID controller, but fully supports the use of software RAID. Plus, with support for PCIe 3.0 and SATA III Specifications this card ensures backward compatibility with previous generations (SATA I/II, PCIe 1/2) at lower performance.

The SATA controller card features plug-and-play installation and can be installed in full-profile and low-profile computer systems with a full-profile bracket preinstalled, and an interchangeable low-profile (half-height) bracket included. The card also supports storage software data management systems such as Storage Spaces (Microsoft), RAID Assistant (MacOS) and mdraid/mdadm (Linux), for hassle-free setup, partitioning and software RAID array building.

6P6G-PCIE-SATA-CARD is backed by a StarTech.com 2-year warranty and free lifetime 24/5 North American based, multi-lingual support.

Certifications, Reports and Compatibility



Applications

• Add six SATA 6Gbps drives to your desktop computer or server

• Manage your drives and built RAID arrays with storage management systems such as Storage Spaces (Microsoft) , RAID Assistant (macOS), mdraid/mdadm (Linux)

Features

• HIGH-PERFORMANCE: Add six SATA III 6Gbps ports to your desktop computer or server using a PCIe x4 slot to connect SATA drives (HDD/SSD); 6-Port SATA PCIe card features 6x SATA connections for connecting drives using SATA cables (sold separately)

• ASM1166 CONTROLLER: Add six SATA (serial ATA) 6Gbps ports via a single x4 PCIe slot for combined total bandwidth up to 16Gbps; Supports & NCQ (Native Command Queue) & Port Multiplier across all six ports, up to five drives per PM port.

• COMPATIBILITY: Supports PCIe 3.0, SATA 3.2 & AHCI 1.4 Specs, and previous gens at lower performance; Windows (7+), macOS (10.10+), Linux (2.6.32+); Improved motherboard compatibility with no built-in RAID; Supports ATA & ATAPI (HDD, SSD, Optical Disc)

• EASY INSTALL: Expansion card w/ plug-and-play setup in full or low-profile PCI-e slot (full-profile bracket installed, low-profile incl); Supports storage management systems such as Storage Spaces (Microsoft) , RAID Assistant (macOS), mdraid/mdadm (Linux)

• STARTECH.COM ADVANTAGE: IT professionals choice for over 30 years; This SATA PCIe adapter controller card converter is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

Hardware

Warranty	2 Years
Ports	6
Interface	SATA

	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Industry Standards	Serial ATA 3.0 specification - SATA I/II/III (1.5/3/6Gbps)
		PCI Express Base Specification Revision 3.0
	Chipset ID	ASMedia - ASM1166
Performance		
	Maximum Data Transfer Rate	6 Gbps
	TRIM Support	Yes
	4Kn Support	Yes
	S.M.A.R.T. Support	Yes
	Type and Rate	SATA III (6 Gbps)
	Port Multiplier	Yes
	Bootable	Yes
	Hardware Raid Supported	No
	ATAPI Support	Yes
Connector(s)		
	Connector Type(s)	1 - PCI Express x4
	Internal Ports	6 - SATA (7 pin, Data)
Software		
	OS Compatibility	Windows 7, 8, 8.1, 10, 11
		Windows Server 2012 R2, 2016, 2019, 2022
		macOS 10.10 to 14
		Linux 2.6.32 and up - LTS Versions only
Environmental		
	Operating Temperature	0C to 85C (32F to 185F)
	Storage Temperature	-25C to 85C (-13F to 185F)
	Humidity	20~80% RH

Physical Characteristics		
	Color	Red
	Product Length	3.2 in [8.2 cm]
	Product Width	2.1 in [5.4 cm]
	Product Height	0.7 in [1.7 cm]
	Weight of Product	1.0 oz [29.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	6.7 in [17.0 cm]
	Package Width	5.6 in [14.2 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	4.2 oz [119.0 g]
What's in the Box		
	Included in Package	1 - PCIe SATA Card
		1 - Full-Profile Bracket (Installed)
		1 - Low-Profile Bracket
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.