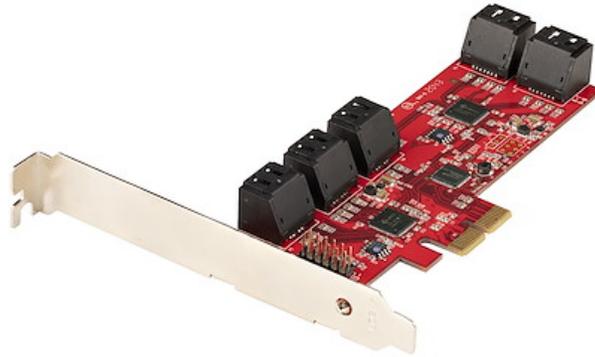SATA PCIe Card - 10 Port PCIe SATA Expansion Card - 6Gbps - Low/Full Profile - Stacked SATA Connectors - ASM1062 Non-Raid - PCI Express to SATA Converter/Adapter - TAA

Product ID: 10P6G-PCIE-SATA-CARD

This 10-port SATA III (6Gbps) controller enables you to add 10 SATA 6Gbps Hard Drives (HDDs) or Solid State Drives (SSDs) to your computer system or server via an available PCIe x2 card slot. The card supports SATA III and PCI-Express 2.0 Specifications.

Featuring the ASM1062 controller, this SATA card enables the connection of 10 high-performance SATA 6Gbps drives with a combined total throughput of up to 8Gbps. The SATA drives are connected via ten 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 2.0 and SATA III Specifications this card ensures backward compatibility with previous generations (SATA I/II, PCIe 1) at lower performance.

The SATA controller card features plug-and-play installation and can be installed in a full-profile or low-profile computer systems with the 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.

10P6G-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 10 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 ten SATA III 6Gbps ports to your desktop computer or server using a PCIe x2 slot to connect SATA drives (HDD/SSD); 10-Port SATA PCIe card features 10x SATA connections for connecting drives using SATA cables (sold separately)

• ASM1062: SATA 3 6Gbps card features a single 2 port x2 PCIe Gen 2 host chip (ASM1062) & two 5-port port-multipliers (JMB575) adding 10 SATA (serial ATA) ports, for combined total bandwidth up to 8Gbps; Supports Port Multiplier & NCQ (Native Command Queue)

• COMPATIBILITY: Supports PCIe 2.0, SATA 3.2 & AHCI 1.3 Specs, and previous gens at lower performance; Windows (7+), macOS (10.10+), Linux (2.6.32+); Improved motherboard compatibility with no bifurcation required & no built-in RAID; Supports ATA & ATAPI

• 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	10
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 2.0
Chipset ID	ASMedia - ASM1062

Performance

Wake On Lan	Yes
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 x2
Internal Ports	10 - 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 15
	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

	Product Length	4.7 in [12.0 cm]
	Product Width	2.1 in [5.4 cm]
	Product Height	0.7 in [1.8 cm]
	Weight of Product	2.1 oz [59.0 g]

Packaging Information

	Package Quantity	1
	Package Length	6.9 in [17.5 cm]
	Package Width	5.6 in [14.3 cm]
	Package Height	1.4 in [3.5 cm]
	Shipping (Package) Weight	4.6 oz [130.0 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

Warranty Information

	Warranty	2 Years

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