FebSmart

PCIE 4-Ports 6Gbps SATA III
Expansion Card

Model: FS-S4-Pro

Site:www.febsmart.com Email:support@febsmart.com

FS-S4-Pro 4-Ports PCI Express SATA III Card
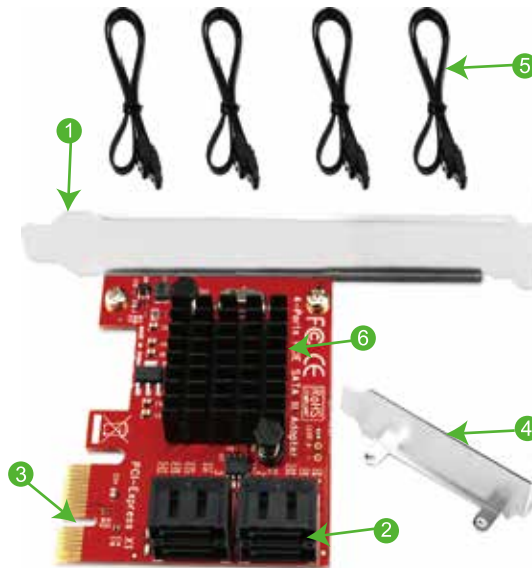
① Standard Size Bracket ② SATA III Data Interface
③ PCIE X1 Interface ④ Low Profile Bracket
⑤ 4X SATA Cable ⑥ Heat-Sink

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Product Descreption:

This FS-S4-Pro is a PCI Express to 4-Port SATA III host
controller card,It will help users add 4X max SATA ports
2.5" and 3.5" SSD/HDD on desktop computer or industrial
device,All added-on SATA ports will comaptible with SATA I
1.5Gbps,SATA 2 3Gbps and SATA III 6Gbps HDD/SSD. It also
support PCs and industrial device AHCI mode start up.Light
up more HDD/SSD on desktop PCs,or set up new boot
channel by this PCIE SATA expansion card.

1.PCIE 2.0 X1 design will compatible with PCIE 1.0,2.0,3.0,
4.0 on X1,X2,X4,X8,X16 slot.
2.Each SATAIII ports will get 6Gbps max data transfer speed.
3.Mounted with full size bracket and packed with low profile
bracket.Works on both standard size PCs and slim size PCs.
4.Based on MARVELL 88SE9215 PCIE SATA host controller.
5.Seamless connect 4X 2.5inch or 3.5inch SATA interface
HDD and SSD with AHCI mode boot function.
6.Support plug and play on all active Windows system PCs,
MAC OS X,Linux systems,NAS system etc.

Compatible System:

Mac OS: Plug and Play on MAC OS 10.4.x,10.5.x,10.6.x,
10.7.x,10.8.x,10.9.x,10.10.x,10.12.x,10.13.x,10.14.x,10.15.x
**Windows:**Driver free on Windows 10,8.1,8,7,Vista,XP,2003
(32/64bit) and Windows Server 2003,2003R2,2008,2008R2,
2012,2012R2,2016,2019(32/64bit)
**Linux Kernel**:Most of main stream Linux kernel support
plug and play.

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Add PCIE SATA Card on Desktop PCs:

Step1,Switch OFF PC,unplug computer from main
socket,unplug power cord and other connected
peripherals,Remove the cover from computer case.

① Remove screw ② Remove cover

③

Remove
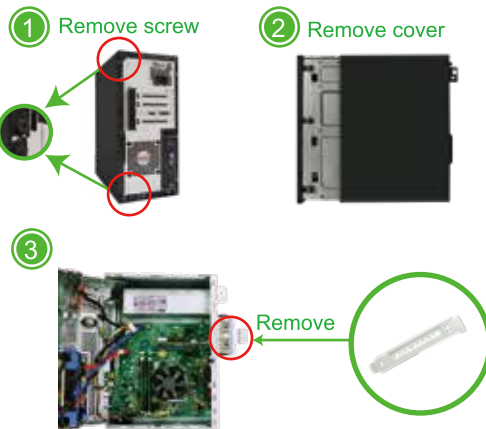
Step2,Find correct PCI Express slot from motherboard,
insert PCIE SATA card into an empty PCI-E slot.

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Works on PCIE X1,
X2,X4,X8,X16 slot

PCIE X1 Interface
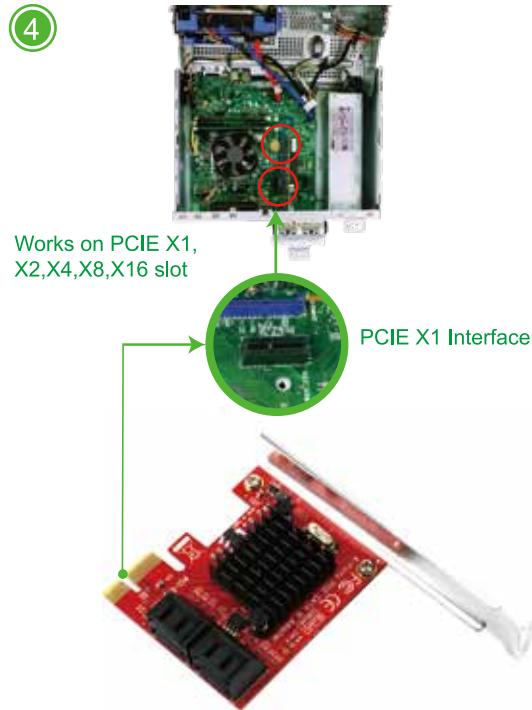
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Step3,Connect to 3.5in or 2.5in harddrive disk on this
PCIE SATA card by packed SATA cable and connect to
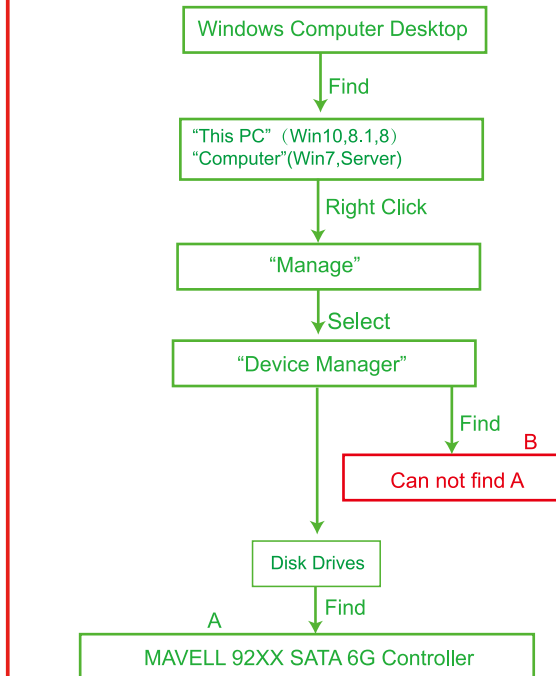SATA power from PSU.

SATA
DATA

SATA POWER
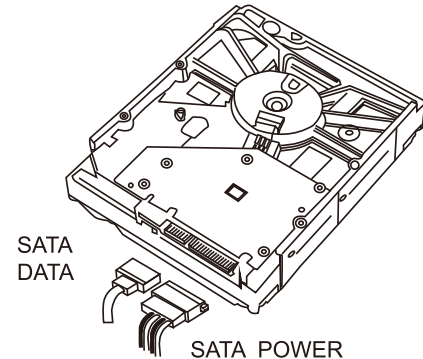
Step4,Reattach the computer cover,and put back removed
peripherals,power on desktop computer.

Check If SATA Card Works on Computers:

1.Users can check if PC find the HDD/SSD on PCs or
industrial device,If PCs find these added-on HDD/SSD,
means device work properly,If users add new or recovered
HDD/SSD on PCs need to add these harddrives in Windows
Device Manager-Disk Management- Find the new drives
select it and add it on PCs system.

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2.Find this added on SATA card hardwae in Windows system
"Device Manager" and check if system read it.

Windows Computer Desktop
↓ Find
"This PC"（Win10,8.1,8）
"Computer"(Win7,Server)
↓ Right Click
"Manage"
↓ Select
"Device Manager"
↓ Find   B
Can not find A
↓
Disk Drives
↓ Find
MAVELL 92XX SATA 6G Controller

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A, Means this PCIE SATA card start up and works properly.
**B, Means this PCIE SATA card was not start up,please put
this PCIE SATA card in an active PCIE slot,This PCIE slot is
no function now,Also make sure this PCIE slot is in "enable"
in PCs BIOS setting.**

FAQ:

1. This card start up but I can not see the none boot HDD
/SSD,how to do nest ?
If your HDD/SSD is new or was recovered empty disk,
please go to Windows Device Manager-Disk Management-
Find the new drives select it and add it as new volume
on PCs system.Then you can see it in PCs.
2. My PC report BSD/Blue Screen Death,endless restart or
can not start,how to do next ?
A. This SATA is set as AHCI mode,user can remove this card,
go to Windows Device Manager-IDE ATA/ATPI Controller-
Check now PCs start up mode in SATA AHCI or IDE. If it is in
IDE mode users need to re install PC system.
B. If the PCs system now in AHCI mode,we guess user is
adding another system disk,maybe removed from other PCs.
In this case go to BIOS setting-Boot Up Option-Set the Boot
disk on the original system disk,problem will be done.
3.How to get tech support ?
Please contact us at support@febsmart.com or go to our site
www.febsmart.com

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