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AXAGON PCES-SA4M2 PCIe Controller Instruction Manual

AXAGON

INSTRUCTIONS FOR USE
(original) revision 1.0
PCES-SA4M2

2x INTERNAL SATA 6G PORT & 2x SATA M.2 CO\ ECTOR PCI-EXPRESS CO \TRCLLER
Instructions for use

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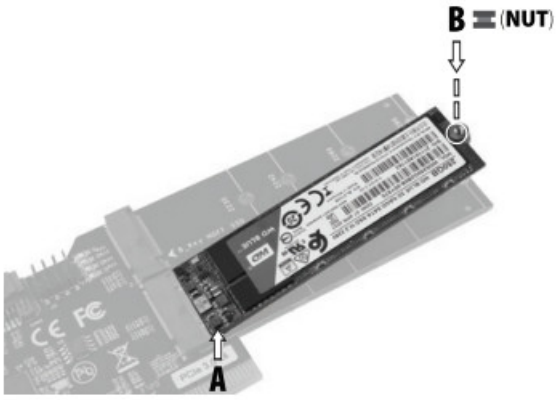
PCES-SA4M2 PCIe Controller

1. Back up the data on the hard disks to be connected to the controller.
2. Mount SSD disks. (see Figures 1- 2 on the next page)
3. Switch off your computer and unplug the power cable.
4. Open the case and insert the controller in a free PCI-Express slot.
5. Connect the hard disk or optical drive to the controller using a SATA cable.
6. Connect power to the hard disk or optical drive.
7. Close the case, connect the power and turn on the computer.
8. The controller is detected and installed automatically. SSD disks are ready. Win7: We recommend installing the ASmedia driver from www.axagon.eu/en/produkty/pces-sa4m2.
9. In the Device manager, please check the successful installation. (Fig. A)
10. In the Disk manager, please initialize the new disc and format it. (Fig. B)

A insert **SATA M.2** SSD disks

B insert the mounting **NUTS** ⇨



Fix the SATA M.2 SSD DISKS with the screws **on the back** of the PCIe controller

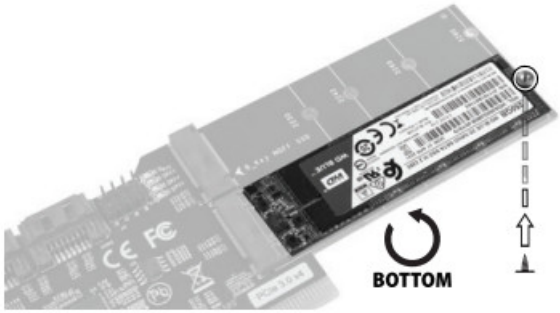
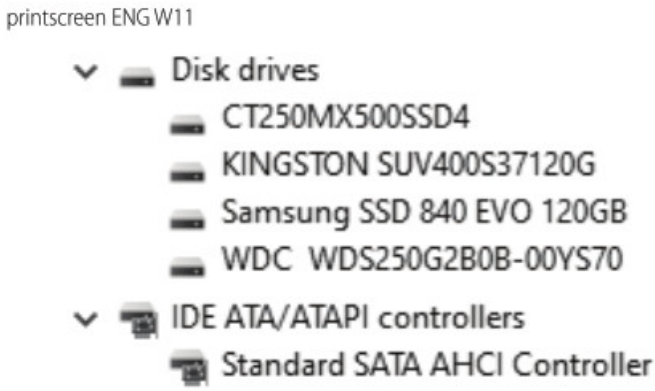
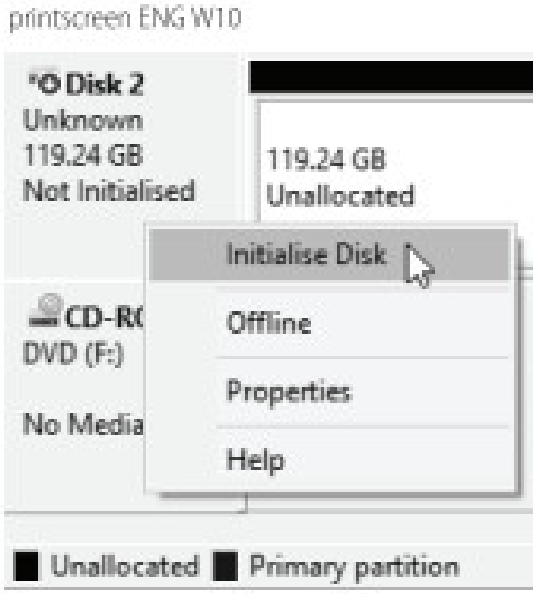


FIGURE A
CHECK CORRECT INSTALLATION IN DEVICE MANAGER



(only devices which are added to the Device Manager when installing the controller and disks are displayed) 17.41171

INITIALIZE NEW DISKS AND FORMATTHEM IN DISK MANAGEMENT



TECHNICAL SUPPORT: More information, FAQs, manuals and drivers can be found on the product page in the PRODUCT SUPPORT tab at **www.axagon.eu**. Nothing helped? Write to our technical support: **support@axagon.cz**.

At the end of its service life, do not throw the product into household waste; take it to a collection point for electrical equipment recycling. For information about collection and recycling programmes in your country, contact your local authorities or the retailer who sold you the product.

CE EU declaration of conformity: The device complies with the harmonisation legislation of the European Union 2014/30/EU (EMC) and 2011/65/EU (RoHS). The complete EU declaration of conformity is available from the manufacturer.

Before using the product, the user is obliged to read the user instructions. The manufacturer disclaims any liability for damage that may occur due to improper use of the product or failure to follow the instructions contained herein. Product use other than specified must be consulted with the manufacturer.

Do not use the product in humid or explosive environments and near flammable substances.

Technical specifications

INPUT INTERFACE

PCI-Express v3.0 2-Lane (x2)

PCI-Express v2.0 & 1.0 compatible x4, x8, x16 slot compatible 4 GByte/s max. data rate (PCIe 3.0 x2)

OUTPUT INTERFACE

4x independent Serial ATA channels
2x SATA female connector
2x SATA M.2 B-key slot
SATA (AHCI) M.2 SSD disks (B-key or B+M-key)
30, 42, 60,80 mm
all capacities supported
SATA 6G compatible
SATA 3.0 – 6 Gbit/s max. data rate
SATA 2.0 – 3 Gbit/s max. data rate
SATA 1.0 – 1.5 Gbit/s max. data rate
TRIM support
Hot Plug support Boot support
NCQ Native Command Queueing
Port Multiplier Command Based Switching
4 LEDs flash during data transfer (D4 – D7)
4 pins for HDD LED (J4)

OS SUPPORTED

Windows
7 • 8.1 • 10 •11 & later
Server 2008 • 2012 • 2016 • 2019 • 2022 & later
32 & 64bit versions supported
Linux 2.6.x & later

PRODUCT SUPPORT LINK

http://axagon.eu/produkty/pces-sa4m2#supportLinkGoal

PCIe controller with two SATA 6G ports and two SATA M.2 connectors

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Documents / Resources

	AXAGON PCES-SA4M2 PCIe Controller [pdf] Instruction Manual PCES-SA4M2 PCIe Controller, PCES-SA4M2, PCIe Controller, Controller

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