

**SSD7500/ 6200 /7000 Series & ASUS ROG STRIX X299-XE
GAMING**

Compatibility Report

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1. Hardware:

a) HighPoint Product:

SSD7500/ 6200 /7000 Series

b) Host Platform or External Device:

ASUS ROG STRIX X299-XE GAMING

2. Compatibility Status:

Compatible (Boot & Data RAID)

3. Description:

ASUS ROG STRIX X299-XE GAMING are capable of supporting HighPoint SSD7500/ 6200 /7000 NVMe RAID controllers. SSD7000/6200 series can run out of full performance, but the SSD7500 series Can't get the maximum performance, only the performance of PCIe3.0.

The current motherboards used by ASUS ROG STRIX X299-XE GAMING utilize Intel® X299 chipset.

The motherboard's BIOS includes UEFI support, and provides option ROM settings for UEFI and legacy devices.

4. Compatibility Details:

a. PCIe Host Interface:

ASUS ROG STRIX X299-XE GAMING supports PCIe Gen3, and provides three PCIe 3.0 x16 slots. Half-height supported by default.



3 x PCIe 3.0/2.0 x16 slots
(supports x16, x16/x16, x16/x16/x8 mode with 44-LANE CPU; x16, x16/x8, x16/x8/x1 mode with 28-LANE; x16, x8/x8 , x8/x8/x1 mode with 16-LANE)

1 x PCIe 3.0/2.0 x4 slot (max. at x4 mode) [PCH]*

1 x PCIe 3.0/2.0 x4 slot (supports x1 mode) [PCH]

1 x PCIe 3.0/2.0 x1 slot[PCH]**

* PCIe 3.0/2.0 x4 slot share with SATA_56 ports and SATA_78 ports when use device in x4 mode. Adjust BIOS settings to use SATA devices.

** PCIe 3.0/2.0 x1 slot share with USB3.1 Gen 2 front panel connector.

Reference: [E13291_ROG_STRIX_X299-XE_GAMING_UM_WEB.pdf \(asus.com\)](#) (page ix)

b. Boot RAID Support (NVMe arrays used to boot a system):

ASUS ROG STRIX X299-XE GAMING can support bootable NVMe arrays. The BIOS appears to provide UEFI option ROM support.

Boot Devices Control

This item allows you to select the type of devices that you want to boot.

Configuration options: [UEFI and Legacy OPROM] [Legacy OPROM only] [UEFI only]

Boot from Network Devices

This item allows you to select the type of network devices that you want to launch.

Configuration options: [Ignore] [Legacy only] [UEFI driver first]

Boot from Storage Devices

This item allows you to select the type of storage devices that you want to launch.

Configuration options: [Ignore] [Legacy only] [UEFI driver first]

Boot from PCI-E/PCI Expansion Devices

This item allows you to select the type of PCI-E/PCI expansion devices that you want to launch.

Configuration options: [Legacy only] [UEFI driver first]

[E13291_ROG_STRIX_X299-XE_GAMING_UM_WEB.pdf \(asus.com\)](#) (page3-20)

c. Data RAID Support (NVMe arrays used for data storage):

There are no apparent restrictions for data-only storage configurations.

5. Manufacturer Reference Material

a. Product Website:

[ROG STRIX X299-XE GAMING | ROG Strix | Gaming Motherboards | ROG - Republic of Gamers | ROG Global \(asus.com\)](#)

b. User Guide:

[E13291_ROG_STRIX_X299-XE_GAMING_UM_WEB.pdf \(asus.com\)](#)

6. List of ASUS RAID Controller types for ASUS systems

No recommended product found in the user manual.