

SSD7500/ 6200 /7000 Series & ASUS Z10PE-D8 WS

Compatibility Report

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1. Hardware:

a) HighPoint Product:

SSD7500/ 6200 /7000 Series

b) Host Platform or External Device:

ASUS Z10PE-D8 WS

2. Compatibility Status:

Compatible (Boot & Data RAID)

3. Description:

ASUS Z10PE-D8 WS 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 Z10PE-D8 WS utilize Intel® C612 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 Z10PE-D8 WS supports PCIe Gen3, and provides seven PCIe 3.0 x16 slots. Half-height supported by default.

Expansion slots	Slot 1: 1 X PCIE x16 (x16 Gen3 Link) (near CPU socket) (Auto switch to x8 Link if slot 2 is occupied)
	Slot 2: 1 X PCIE X16 (x8 Gen3 Link)
	Slot 3: 1 X PCIE x16 (x16 Gen3 Link) (Auto switch to x8 Link if slot 4 is occupied)
	Slot 4: 1 X PCIE X16 (x8 Gen3 Link)
	Slot 5: 1 X PCIE x16 (x16 Gen3 Link)
	Slot 6: 1 X PCIE x16 (x8 Gen3 Link)
	Slot 7: 1 X PCIE x16 (x16 Gen3 Link)
* This motherboard is ready to support PCIe 3.0 specification. Functions will be available when using PCIe 3.0-compliant devices. Refer to www.asus.com for the latest updates and information.	

Reference: [E15493_Z10PE-D8_WS_UM_V7_WEB.pdf \(asus.com.cn\)](#) (page xiii)

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

ASUS Z10PE-D8 WS can support bootable NVMe arrays. The BIOS appears to provide UEFI option ROM support.

Option ROM Messages [Force BIOS]

This allows you to set the display mode for option ROM.
Configuration options: [Force BIOS] [Keep Current]

Boot Option filter [Legacy only]

This option allows you to control the Legacy/UEFI ROMs priority.
Configuration options: [UEFI and Legacy] [Legacy only] [UEFI only]

Network / Storage / Video [Legacy]

This option allows you to control the execution of UEFI and Legacy PXE/Storage/Video OpROM.

Configuration options: [UEFI] [Legacy]

Other PCI devices [Legacy]

This item determines the OpROM execution policy for devices other than Network, Storage, or Video.

Configuration options: [UEFI] [Legacy]

[E15493_Z10PE-D8_WS_UM_V7_WEB.pdf \(asus.com.cn\)](#) (page4-24)

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:

[Z10PE-D8 WS | Motherboards | ASUS USA](#)

b. User Guide:

[E15493_Z10PE-D8_WS_UM_V7_WEB.pdf \(asus.com.cn\)](#)

6. List of ASUS RAID Controller types for ASUS systems

No recommended product found in the user manual.