

**SSD7500/ 6200 /7000 Series& & ASUS WS C621E SAGE**

**Compatibility Report**

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## 1. Hardware:

### a) HighPoint Product:

SSD7500/ 6200 /7000 Series

### b) Host Platform or External Device:

ASUS WS C621E SAGE

## 2. Compatibility Status:

**Compatible (Boot & Data RAID)**

## 3. Description:

ASUS WS C621E SAGE 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 WS C621E SAGE utilize Intel® C621 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 WS C621E SAGE supports PCIe Gen3, and provides seven PCIe 3.0 x16 slots. Half-height supported by default.

#### Expansion slots

3 x PCIe 3.0 x 16 slots (@x16 link)

2 x PCIe 3.0 x 16 slots (single @ x16, dual @ x8/x8 link)

2 x PCIe 3.0 x 16 slot (@x8 link)

Reference: [E16279\\_WS\\_C621E\\_SAGE\\_UM\\_V7\\_WEB.pdf \(asus.com.cn\)](#) (page x)

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

ASUS WS C621E SAGE can support bootable NVMe arrays. The BIOS appears to provide UEFI option ROM support.

### **Option ROM Messages**

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

### **INT19 Trap Response**

This option allows you to control the BIOS reaction on INT19 trapping by Option ROM.  
[Immediate]           Execute the trap right away.  
[Legacy only]         Execute the trap during legacy boot.

### **Boot Option filter**

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

### **Network / Storage / Video**

This option allows you to control the execution of UEFI and Legacy PXE/ Storage/ Video OpROM.  
Configuration options: [UEFI ] [Legacy]

### **Other PCI devices**

This item determines the OpROM execution policy for devices other than Network, Storage, or Video.  
Configuration options: [UEFI ] [Legacy]

[E16279\\_WS\\_C621E\\_SAGE\\_UM\\_V7\\_WEB.pdf \(asus.com.cn\)](#) (page3-14)

## **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:**

[WS C621E SAGE | Motherboards | ASUS USA](#)

### **b. User Guide:**

[E16279\\_WS\\_C621E\\_SAGE\\_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.