

**HighPoint SSD7000 Series & ASUS Pro WS C621-64L  
SAGE/10G**

**Compatibility Report**

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## **1. Conclusion**

The ASUS Pro WS 621-64L SAGE Series should be compatible with HighPoint's SSD series, given that it supports UEFI, and has a PCIe 3.0 x 16 slot available. In order for Linux

systems to work with HighPoint's SSD series, the motherboard needs to support Secure Boot, which the ASUS Pro WS 621-64L SAGE Series motherboard does support.

## 2. Launch Date

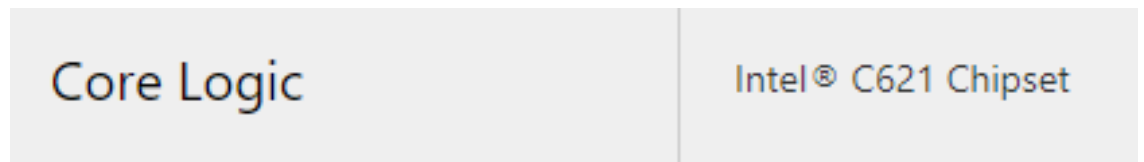
N/A

## 3. User Manuals

### a. URL

<https://www.asus.com/us/Commercial-Servers-Workstations/Pro-WS-C621-64L-SAGE/specifications/>

### b. Chipset/Motherboard : Intel C621



Source:

<https://www.asus.com/us/Commercial-Servers-Workstations/Pro-WS-C621-64L-SAGE/specifications/>

## 4. Physical Properties

### a. Form Factor :

Form Factor

CEB (12"x10.9", 305mm x 277mm)

Source:

<https://www.asus.com/us/Commercial-Servers-Workstations/Pro-WS-C621-64L-SAGE/specifications/>

### Riser Cards/Brackets:

N/A

## 5. System BIOS Setting

### a. UEFI : Yes.

BIOS Features

256 Mb Flash ROM, UEFI BIOS, PnP, ASUS EZ Flash, ASUS CrashFree Technology

Source:

[https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro\\_WS\\_C621-64L\\_SAGE\\_10G/MANUAL/E16276\\_Pro\\_WS\\_C621-64L\\_SAGE\\_Series\\_UM\\_V3\\_WEB.pdf](https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro_WS_C621-64L_SAGE_10G/MANUAL/E16276_Pro_WS_C621-64L_SAGE_Series_UM_V3_WEB.pdf) pg. xii

**b. Option ROM/Boot from Storage Devices: Yes.**

code is executed above 1MB.

**Option ROM Messages**

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

Source: [https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro\\_WS\\_C621-64L\\_SAGE\\_10G/MANUAL/E16276\\_Pro\\_WS\\_C621-64L\\_SAGE\\_Series\\_UM\\_V3\\_WEB.pdf](https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro_WS_C621-64L_SAGE_10G/MANUAL/E16276_Pro_WS_C621-64L_SAGE_Series_UM_V3_WEB.pdf) pg 3-13

**5. PCIE Configuration**

**a. How many PCIe slots?**

Five slots

Expansion Slots

Total Slot : 5

Slot Location 1 : PCI-E x16 (Gen3 X16 Link)

Slot Location 2 : PCI-E x16 (Gen3 X16 Link)

Slot Location 3 : PCI-E x16 (Gen3 X4 Link)

Slot Location 4 : PCI-E x16 (Gen3 X16 Link)

Slot Location 5 : PCI-E x16 (Gen3 X16 Link)

Source:

<https://www.asus.com/us/Commercial-Servers-Workstations/Pro-WS-C621-64L-SAGE/specifications/>

**b. PCIe Length (Bandwidth) of each slot**

See above.

## 6. Secure Boot: Yes

In order for a motherboard to work with Linux platforms and HighPoint's SSD line, the secure boot feature must be supported, and then disabled.

### 3.12 Security menu

This menu allows a new password to be created or a current password to be changed. The menu also enables or disables the Secure Boot state and lets the user configure the System Mode state.

Source: [https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro\\_WS\\_C621-64L\\_SAGE\\_10G/MANUAL/E16276\\_Pro\\_WS\\_C621-64L\\_SAGE\\_Series\\_UM\\_V3\\_WEB.pdf](https://dlcdnets.asus.com/pub/ASUS/mb/Socket3647/Pro_WS_C621-64L_SAGE_10G/MANUAL/E16276_Pro_WS_C621-64L_SAGE_Series_UM_V3_WEB.pdf)  
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