

**SSD7500/ 6200 /7000 Series& Motherboard Dell Precision
T7610**

Compatibility Report

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Version: v1.00

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1. Hardware:

a. HighPoint Product:

SSD7500/ 6200 /7000 Series

b. Host Platform or External Device:

Dell Precision T7610

2. Compatibility Status:

Compatible (Boot & Data RAID)

3. Description:

Dell Precision T7610 workstation platforms 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 only get half the performance.

The current motherboards used by Dell Precision T7610 utilize the Intel C602 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:

Dell Precision T7610 supports PCIe Gen3, and provides four PCIe 3.0 x16 (x16 electrical) slots. Support full height.

Table 23. Expansion Interfaces

Feature	Specification
PCI:	
SLOT1	PCI Express 3.0 x4, 4 GB/s
SLOT2	PCI Express 3.0 x16, 16 GB/s
SLOT3	PCI Express 2.0 x4, 2 GB/s
SLOT4	PCI Express 3.0 x16, 16 GB/s
SLOT5	PCI 2.3 (32 bit, 33 MHz), 133 MB/s
SLOT1_CPU2 (CPU2 required)	PCI Express 3.0 x16, 16 GB/s
SLOT2_CPU2 (CPU2 required)	PCI Express 3.0 x16, 16 GB/s
Storage (HDD/SSD):	
SAS0	LSI 2308 SAS 2.0, SATA 3.0, 6 Gbps (4 ports)
SAS1	LSI 2308 SAS 2.0, SATA 3.0, 6 Gbps (4 ports)
Storage (ODD):	

Reference: [Dell Precision Workstation T7610 Owner's Manual](#) (page 74)

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

Dell Precision T7610 can support bootable NVMe arrays. The BIOS appears to provide UEFI option ROM support.

Boot List Option

Allows you to change the boot list option.

- Legacy
- UEFI

Advanced Boot Options

Allows you to Enable Legacy Option ROMs

- Disabled
- **Enabled** (Default)

[Dell Precision Workstation T7610 Owner's Manual](#) (page54)

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:

[Support for Precision T7610 | Overview | Dell US](#)

b. User Guide:

[Dell Precision Workstation T7610 Owner's Manual](#)

[Dell Precision T7610 Spec Sheet.pdf](#)

6. List of PowerEdge RAID Controller (PERC) types for Dell EMC systems

No recommended product found in the user manual.