## Dell Precision Workstation Product Recommendations

### Basic

**Dell Precision 3541**

For the professional using Premiere Pro and After Effects who need to create HD resolution content and do basic video post-production work. Suitable for situations where video isn’t the only thing you need your system to do.

- **CPU:** Intel Core i7-8700, 6 Cores, 3.20GHz, 12MB Cache
- **GFX:** NVIDIA Quadro P2000, 4GB
- **RAM:** 32GB Non-ECC
- **Storage:** 512GB SSD Class 40 + 1TB 7200RPM SATA HDD
- **Display:** 23.8" FHD, 1920x1080, 100% sRGB
- **Dock:** Dell Thunderbolt Dock - W01T with 180W Power Delivery

### Dedicated

**Dell Precision 5540**

For the professional using Premiere Pro and After Effects who need to create HD resolution content and do basic video post-production work. Suitable for situations where video isn’t the only thing you need your system to do.

- **CPU:** Intel Xeon E-2276M, 8 Cores, 2.40GHz, 12MB Cache
- **GFX:** NVIDIA Quadro RTX4000, 8GB
- **RAM:** 64GB ECC
- **Storage:** 1TB SSD Class 50 + 2TB SSD Class 50 + 1TB SSD Class 50
- **Display:** 15.6" 4K UHD, 3840x2160, 100% Adobe RGB
- **Dock:** Dell Performance Dock - WD19DC with 210W Power Delivery

### Advanced

**Dell Precision 7540**

For the professional using Premiere Pro and After Effects for high-end video / film post-production work with digital cinema formats and fast render times in a mobile workstation.

- **CPU:** Intel Xeon E-2286M, 8 Cores, 2.40GHz, 12MB Cache
- **GFX:** NVIDIA Quadro RTX6000, 24GB
- **RAM:** 128GB ECC
- **Storage:** 3x 2TB SSD Class 50
- **Display:** 17.3" 4K UHD, 3840x2160, 100% Adobe RGB
- **Dock:** Dell Performance Dock - WD19DC with 210W Power Delivery

### Ultimate

**Dell Precision 7740**

For the professional using Premiere Pro and After Effects for high-end video / film post-production work with digital cinema formats, fast render times, and maximum expandability in a mobile workstation.

- **CPU:** Dual Intel Xeon Gold 6230, 20 Cores, 2.1/3.1GHz, 27MB Cache
- **GFX:** NVIDIA Quadro RTX6000, 24GB
- **RAM:** 128GB ECC
- **Display:** Ultra Speed Quad 3 x 2TB SSD Class 50
- **Dock:** Dell Performance Dock - WD19DC with 210W Power Delivery

### Accessory

**Dell UltraSharp 49 Curved Monitor: U4919DW**

Ideal for extremely wide timeline editing and multi-camera editing. See more on-screen content with 5120 x 1440 resolution, the equivalent of 2 x UHD screens in one.

**X-RITE X-Rite i1Display Pro - Colorimeter**

The i1Display Pro is the ultimate solution for creative perfectionists who demand speed, options and flexibility to attain color accuracy.


### Notes

- For H264/HEVC workflows, consider Intel CPUs with Intel QuickSync technology. Included on all mobile workstation recommendations. See Optimizing your system for Premiere Pro and After Effects for more details.

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**Basic**

**Dell Precision 3630 Tower**

For the professional using Premiere Pro and After Effects who need to create HD resolution content and do basic video post-production work. Suitable for situations where video isn’t the only thing you need your system to do.

- **CPU:** Intel Core i5-9600K, 6 Cores, 3.70GHz, 9MB Cache
- **GFX:** AMD Radeon Pro WX 3200, 4GB
- **RAM:** 32GB Non-ECC
- **Storage:** 512GB SSD Class 20 + 512GB SSD Class 20 + 512GB SSD Class 20
- **Display:** Windows 10 Pro or Windows 10 Pro for Workstations
- **Dock:** Dell Thunderbolt Dock - W101T with 180W Power Delivery

**Dell Precision 5820 Tower**

For the professional using Premiere Pro and After Effects creating HD resolution content and occasional digital cinema format content with increased CPU and GPU based rendering performance.

- **CPU:** Intel Xeon W-2255, 10 Cores, 3.70GHz, 19.25MB Cache
- **GFX:** NVIDIA Quadro P2200, 5GB
- **RAM:** 64GB ECC
- **Storage:** Ultra Speed Quad 3 x 1TB SSD Class 40
- **Display:** Windows 10 Pro or Windows 10 Pro for Workstations
- **Dock:** Dell Thunderbolt Dock - W101T with 180W Power Delivery

**Dell Precision 7820 Tower**

For the professional using Premiere Pro and After Effects for high-end video / film post-production work with digital cinema formats and fast CPU and GPU based render times while editing.

- **CPU:** Intel Xeon Gold 6226, 12 Cores, 2.70GHz, 24.75MB Cache
- **GFX:** NVIDIA Quadro RTX8000, 8GB
- **RAM:** 128GB ECC
- **Storage:** Ultra Speed Quad 3 x 1TB SSD Class 40
- **Display:** Windows 10 Pro or Windows 10 Pro for Workstations
- **Dock:** Dell Performance Dock - WD19DC with 210W Power Delivery

**Dell Precision 7920 Tower**

For the professional using Premiere Pro and After Effects for high-end video / film post-production work with digital cinema formats, fast CPU and GPU based render times, using multiple simultaneous render jobs, and maximum expandability.

- **CPU:** Dual Intel Xeon Gold 6230, 20 Cores, 2.1/3.1GHz, 27MB Cache
- **GFX:** NVIDIA Quadro RTX6000, 24GB
- **RAM:** 128GB ECC
- **Display:** Ultra Speed Quad 3 x 2TB SSD Class 50
- **Dock:** Dell Performance Dock - WD19DC with 210W Power Delivery

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**Fixed**

**Dell UltraSharp 27 4K PremierColor Monitor: UP2720Q**

Ideal for color critical UHD workflows with a convenient built-in colorimeter. Wide range of color gamuts including 100% Adobe RGB, 98% DCI-P3, 80% BT.2020 at 3840 x 2160 @ 60Hz

**Dell UltraSharp 49 Curved Monitor: U4919DW**

Ideal for extremely wide timeline editing and multi-camera editing. See more on-screen content with 5120 x 1440 resolution, the equivalent of 2 x UHD screens in one.

**Dell UltraSharp 32 8K Monitor: UP3221K**

Ideal for the highest resolution digital cinema formats. Dell PremierColor offers wide color coverage that meets major industry standards —100% Adobe RGB, 100% sRGB, 100% Rec. 709, 98% DCI-P3 — for immaculate, unwavering colors at 8K - 7680 x 4320 at 60 Hz

**X-RITE X-Rite i1Display Pro - Colorimeter**

The i1Display Pro is the ultimate solution for creative perfectionists who demand speed, options and flexibility to attain color accuracy.