## Dell Precision Workstation Product Recommendations

### Adobe Creative Cloud (Premiere Pro, After Effects)

<table>
<thead>
<tr>
<th>Entry</th>
<th>Standard</th>
<th>Advanced</th>
<th>Ultimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precision 3660 Tower</td>
<td>Precision 5820 Tower</td>
<td>Precision 7820 Tower</td>
<td>Precision 7920 Tower</td>
</tr>
</tbody>
</table>

- **Entry**
  - **Precision 3571**
    - For the professional using Premiere Pro and After Effects creating HD content and doing basic video post-production work.
    - Intel Core™ i7-12700H, 14 Cores (8P+6E), 2.30 / 4.70GHz, 24MB Cache
    - NVIDIA® RTX™ A3000, 12GB
    - 512GB SSD Class 40 + 1 TB SSD
    - Windows 10/11 Pro or Windows 10/11 Pro for Workstations
    - 3 Years ProSupport with Next Business Day Onsite Service

- **Standard**
  - **Precision 5770**
    - For the professionals using Premiere Pro and After Effects creating HD content and occasional digital cinema format content with increased rendering performance.
    - Intel Core™ i7-12700H, 14 Cores (6P+6E), 2.30 / 4.70GHz, 24MB Cache
    - NVIDIA® RTX™ A4500, 16GB
    - 1 TB SSD Class 40 + 1 TB SSD
    - Intel 10/11 Pro or Windows 10/11 Pro for Workstations
    - 3 Years ProSupport with Next Business Day Onsite Service

- **Advanced**
  - **Precision 7670**
    - 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 rendering times.
    - Intel® Xeon® Gold 6254, 18 Cores, 3.1 / 4.0GHz, 24.75MB Cache
    - NVIDIA® RTX™ A5500, 16GB
    - 512 GB SSD + 1 TB SSD + 1 TB SSD
    - Windows 10/11 Pro or Windows 10/11 Pro for Workstations
    - 3 Years ProSupport with Next Business Day Onsite Service

- **Ultimate**
  - **Precision 7770**
    - For the professional using Premiere Pro and After Effects for high-end video / film post-production work with digital cinema formats, fast CPU (multiple simultaneous renderers), and GPU based rendering times, and maximum expandability in a mobile workstation.
    - Intel Core i9-12950H, 16 Cores (8P+8E), 2.3 / 5.0GHz, 30MB Cache
    - NVIDIA® RTX™ A5500, 16GB
    - 512 GB SSD + 1 TB SSD + 1 TB SSD
    - Windows 10/11 Pro or Windows 10/11 Pro for Workstations
    - 3 Years ProSupport with Next Business Day Onsite Service

For H.264 and H.265 workflows, consider Intel Core i7 and Core i9 processors, which offer Quick Sync hardware acceleration or GPU acceleration provided via an AMD or NVIDIA discrete graphics card supported in both Premiere Pro and After Effects. Intel Xeon processors work well for other formats, such as cinema camera formats, (such as RED, Sony Venice, ARRI) and broadcast formats (such as XDCam HD). Many features are CPU single-threaded frequency bound and others are multi-threaded. To take advantage of more than 10 cores a render queue manager form multiple simultaneous jobs is suggested to get maximum utilization and performance. 2 CPUs are required for 7820 to utilize maximum PCIe slots for expansion cards. See [Optimizing your system for Premiere Pro and After Effects](https://www.dell.com/support/article/sln304435) for more details.