



## Dell Precision Tower 7910 XL

Ultimate performance & scalability



### Experience outstanding productivity

Power through the most demanding compute and graphics-intensive workloads with the Dell Precision Tower 7910 XL:

- Single or dual Intel® Xeon® processor E5-2600 v3 provide the performance, frequency & cores (up to 18 per processor) for the most complex workstation application environments.
- Easily manage huge data sets with up to 1TB<sup>4,6,10</sup> of 2133MHz DDR4 memory.
- Choose from a broad selection of new professional grade AMD FirePro™ or NVIDIA® Quadro® graphics.
- Integrated 12Gb/s SATA/SAS controller facilitates data striping and mirroring for increased performance & data availability.
- Dell Precision Optimizer 2.0 autotunes application settings for optimized performance.

### Reliability you can count on

- Exclusive Reliable Memory Technology maximizes uptime by eliminating virtually all memory errors for more stability.
- The result of hundreds of engineering hours and rigorous testing, Independent Software Vendor (ISV) Certifications offer peace of mind that your high performance software applications will run as designed.

### Reduce environmental impact

- Dell Precision Tower 7910 XL is EPEAT®-registered<sup>3</sup> and offers ENERGY STAR® configurations, including 80 PLUS®-registered Gold power supplies.

### Best-in-class design

- Straightforward, clutter-free interior provides easy access to components and improved acoustic performance.
- The only mainstream tower workstation family to offer an externally accessible tool-less (lockable) power supply for superior serviceability.
- A split chassis design for superb air flow, improved acoustics, and serviceability.
- Ample 1300W power supply for up to three high-end graphics cards.

### Exceptional Service & Support

- Rest assured that your Dell Precision workstation will be well protected should an issue arise, with a standard 3 year limited hardware warranty<sup>7</sup>

### The Precision Experience

Dell makes it easy to choose, buy and own all of the essential accessories you need to enhance your workstation productivity.

- Enjoy outstanding color accuracy, consistency and richness with state-of-the-art Dell UltraSharp monitors with Premier Color (optional color calibrator)

# Dell Precision Tower 7910 XL workstation

When you choose an OEM XL product, you receive a Tier 1 platform with the added benefits of improved image stability, advanced notifications of required changes, extended lifecycle transition periods and tailored services and support offerings.

XL Feature	Technical Specification																				
Processor Options (Class 1)	Intel® Xeon® processor E5-2697 v3; Intel® Xeon® processor E5-2695 v3 Intel® Xeon® processor E5-2680 v3; Intel® Xeon® processor E5-2667 v3 Intel® Xeon® processor E5-2650 v3; Intel® Xeon® processor E5-2643 v3 Intel® Xeon® processor E5-2640 v3; Intel® Xeon® processor E5-2620 v3 Intel® Xeon® processor E5-2609 v3																				
Operating System Options	Genuine Windows® 7 Ultimate for Embedded (32-Bit or 64-Bit) Genuine Windows® 7 Professional for Embedded (32-Bit or 64-Bit) Windows® 8.1 Pro (64-Bit), Genuine Windows® 7 Professional (64-Bit) Red Hat® Enterprise Linux® 7.0 Ubuntu 12.04 SP1 Linux																				
Chipset (Class 1)	Intel® C612Chipset																				
Graphics <sup>6</sup> Options (Class 2)	Support for up to four <sup>6</sup> PCI Express® x16 Gen 2 or Gen 3 cards up to 675W total for graphics (restrictions apply <sup>7</sup> )																				
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GPU GPGPU MCC Compute	<ul style="list-style-type: none"> <li>• One or two NVIDIA Tesla® K20C Computing Processors (GPGPU)</li> <li>• Intel 3120A Coprocessor (S &amp; P in select regions)</li> </ul>																				

## Class 1: Locked

Components locked down for product lifecycle

Components:

- Chipset
- OEM XL Processors
- System boards (PN's)

## Class 2: Managed

Components managed throughout the lifecycle, minimum 3-month change notification.

Components:

- BIOS
- CPU and Chipset Stepping
- On-board Storage controller HW
- On-board NIC HW
- Memory Technology
- HDD Capacity
- Graphics Cards

## Class 3: Monitored

Components follow the Dell standard refresh cycle.

Components:

- Subcomponents not considered Class 1 or Class 2
- Vendor changes
- Chassis and mechanical changes
- Vendor Part revision level

1. A 64-bit OS is required to support 4GB or more of system memory. Max memory with Windows 7 is 192GB. Greater than 192GB requires RHEL 6.4 or Windows 8 64Bit  
 2. ISV certification applies to select configurations, 3. Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions)  
 4. GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors  
 5. GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.  
 6. Requires second processor option, 7. Some options available only in select regions, 8. For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty), 9. Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware [www.dell.com/warranty](http://www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within one business day following completion of Remote Diagnosis. Availability varies. Other conditions apply, 10. Future availability  
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