



## Dell Precision Optimizer

Maximize and manage performance with easy-to-use software

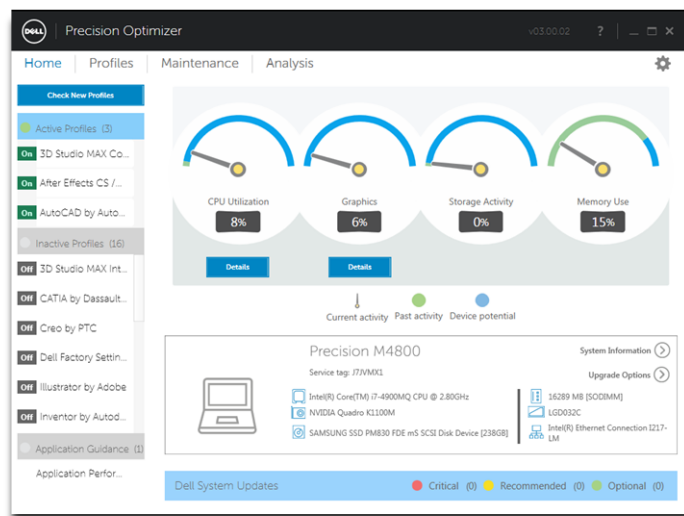
### Automatic Performance Tuning

Did you know you can increase how well your application performs on Dell Precision Workstation by dynamically adjusting system settings? But where are these settings and what is the optimal combination? Let the Dell Precision Optimizer do this for you.

- Dell Precision Optimizer offers application performance profiles on the Profiles tab for popular applications built and tested by Dell's performance engineers. You do not require admin rights to use profiles.
- Profiles automatically adjust system settings in the BIOS, drivers and operating system layer to maximize application performance. These are items such as Intel Hyper-Threading, number of CPU cores, process priority, GPU settings, power settings, and many others.
- Select the application profile and the Optimizer "listens" for you to begin using the application. It will then make the appropriate settings adjustments for you. The adjustments remain in place until they are reset.

### System Center Configuration Manager (SCCM) Central Management

- Deploy Dell Precision Optimizer on multiple machines with headless client option using SCCM. You can enable application profiles on behalf of end users, deliver new profiles, and track application usage from SCCM.
- Gather analytics from a single user or a group of users in to SCCM and create performance, reliability, and usage reports to assess, plan, and address resource needs.



### Simplified Systems Management

- The Dell Precision Optimizer offers you system maintenance capabilities to download updates for BIOS, firmware, drivers, application profiles, and Dell applications to ensure your system has the latest updates. Each update is classified by criticality, allowing you to select only the updates you want.

### Utilization Analytics and Reporting

- The Optimizer contains a rich user home screen with utilization data on your CPU, memory, storage and graphics in real-time and over a defined tracking period.
- Get enhanced intelligence on CPU and Graphics displaying real-time analytics, graphs, with an over-application performance widget. Track utilization across all logical processors and all GPUs found on your system.
- The Analysis feature allows you to monitor utilization of your Dell Precision. Understand where bottlenecks occur and what system resources are over-utilized with a Workload Analysis report.
- Select what subsystems to track and for how long. Graphs and charts are displayed illustrating your Dell Precision utilization by system resource.
- Print and send these graphs to the IT department or support organization for knowledge of your system performance.

### Application Performance Guidance

- Get Performance insights and configuration recommendations from Dell Performance Engineering based on your application usage.

## Dell Precision Optimizer v3.0

| Feature                         | Technical Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                           |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Dell Precision Platform Options | Dell Precision T1700<br>Dell Precision T3420<br>Dell Precision T3600<br>Dell Precision T3620<br>Dell Precision T5600<br>Dell Precision Tower 5810<br>Dell Precision Tower 7810<br>Dell Precision Tower 7910<br>Dell Precision Rack 7910<br>Dell Precision M2800<br>Dell Precision M4800<br>Dell Precision M6800<br>Dell Precision 3510<br>Dell Precision 5510<br>Dell Precision 7510<br>Dell Precision 7710                                                                                                            |                                                                                           |
| Operating System Options        | Windows® 10 Pro (64-Bit),<br>Windows® 8.1 Pro (64-Bit),<br>Windows® 7 Professional (64-Bit)                                                                                                                                                                                                                                                                                                                                                                                                                            | Windows® 10 Pro (32-Bit),<br>Windows® 8 Pro (64-Bit),<br>Windows® 7 Professional (32-Bit) |
| Graphics Options                | GPU utilization and application profile support for Dell Precision certified graphics cards from AMD and Nvidia                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                           |
| Application Profiles            | Adobe® After Effects® CS/CC<br>Adobe® Illustrator® CC<br>Adobe® Media Encoder® CS/CC<br>Adobe® Photoshop® CS/CC<br>Adobe® Premiere® Pro CS/CC<br>Adobe® SpeedGrade® CC<br>Autodesk® AutoCAD®<br>Autodesk® Inventor®<br>Autodesk® Maya®<br>Autodesk® MotionBuilder®<br>Autodesk® Mudbox®<br>Autodesk® Revit®<br>Autodesk® 3ds Max®<br>Avid Media Composer®<br>Dassault Systèmes SolidWorks®<br>Dassault Systèmes CATIA®<br>Dell Precision Factory Standard Settings<br>PTC® Creo®<br>Siemens NX™<br>Avid Media Composer |                                                                                           |
| Language Support                | English, French, German, Japanese, Simplified Chinese, Traditional Chinese, Spanish, Brazilian Portuguese, and Korean                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                           |
| Install Options                 | Version 3.0 download available via <a href="http://www.dell.com/optimizer">www.dell.com/optimizer</a>                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                           |
| Regions                         | This is a worldwide solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |



Discover Dell Precision Optimizer – [Dell.com/optimizer](http://Dell.com/optimizer)

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