

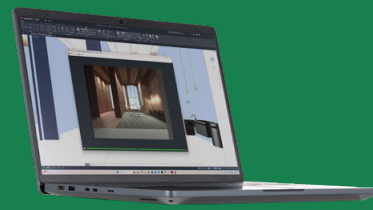


Dell Pro Max: Proven performance across demanding design, engineering, creative, and Power User apps

The laptops outperformed previous-generation workstations in compute-heavy tasks, delivering the responsiveness professionals need to stay productive in the work they do

Professional workloads are growing more complex. Choosing a laptop that can keep up has become a strategic decision.

Note: The graphs in this infographic use different scales to keep a consistent size. Please be mindful of each graph's data range as you compare.



Dell Pro Max 16

Faster design reviews

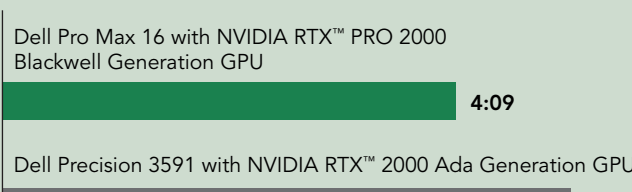
The right laptop isn't just about specs—it's about keeping critical product decisions on track and achieving faster time-to-market. Stronger performance helps designers and engineers do more in each review window: importing assemblies, updating drawings, and running risk simulations with less rework. That can translate into shorter design-to-approval cycles and fewer schedule slips.



SOLIDWORKS

Visualize/render assembly (MM:SS)

Less time is better



20% less time
Rendering an image

Faster renders could help ensure users enter a review with complete, finalized designs.

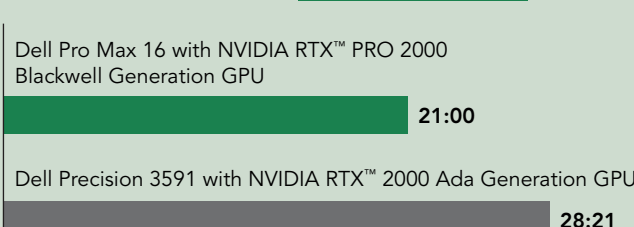
25% less time
Rendering a 3D model image

Faster AutoCAD model preparation could help users publish updated drawings sooner, reducing the possibility that downstream teams work with an outdated version.

AutoCAD

Render kitchen scene (MM:SS)

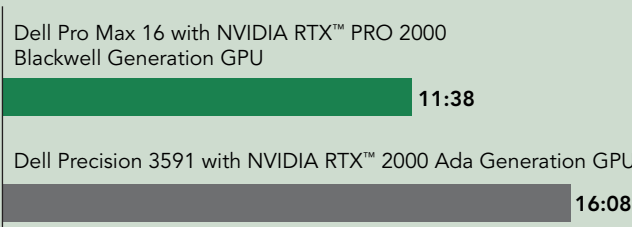
Less time is better



Oracle Crystal Ball

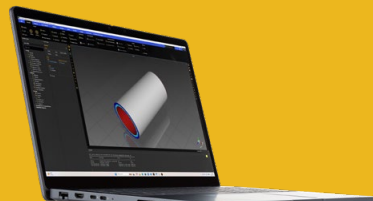
Workforce with queuing (MM:SS)

Less time is better



27% less time
Calculating staffing costs

Saving time on risk and inventory simulations could help you finalize cost and supply analyses in the same review window as a computer-aided design package, avoiding a second review cycle.



Dell Pro Max 16 Plus

Accelerated engineering analysis

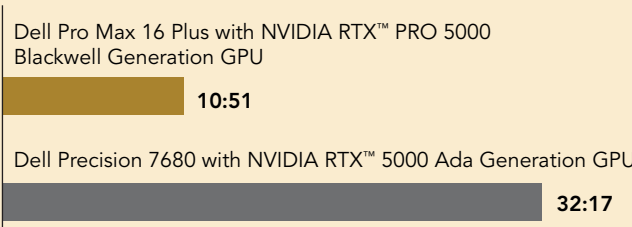
Creating and validating products can require many design-controlled stages of highly detailed work with complex models, subsystem refinements, and physics-based simulations. Faster application performance could mean fewer delays, less uncertainty, and tighter adherence to product timelines for the company.



CATIA

Importing a file (MM:SS)

Less time is better



66% less time
Importing a file

For Engineers and other users, time saved during the modeling and simulation process could help ensure a review starts with a complete design.

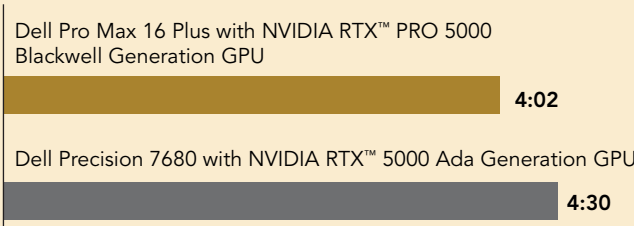
10% less time
Assessing spatial relations of an image

In regulated development workflows, shorter cycles can increase the chance that updated parts and assemblies synchronize before the team packages all evidence for review.

SOLIDWORKS

Calculate interference (MM:SS)

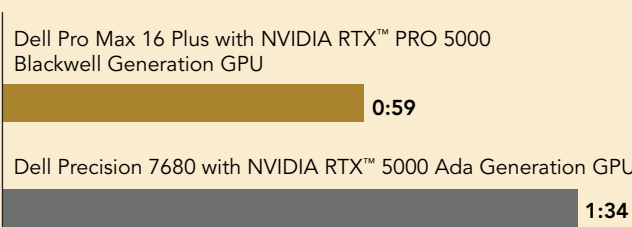
Less time is better



Ansys Fluent

CPU Solver 16x CPU processes double precision (MM:SS)

Less time is better



37% less time
Working with a CFD simulation

Faster solve times could reduce the risk of a design-control review proceeding without simulation evidence and delaying submission.



Dell Pro Max 16 Premium

Quicker creative output

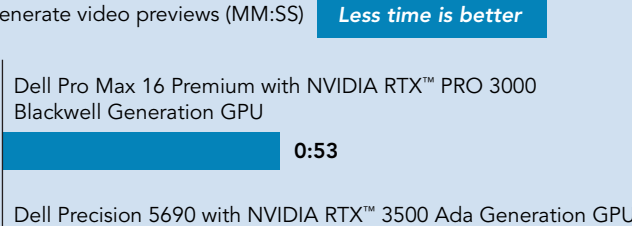
Move from concept to delivery with fewer stalls—generate proxies, sculpt high-poly assets, and export review cuts faster to preserve momentum. At the production level, that can mean quicker turnarounds, more predictable review cycles, and more engaged innovators. Choosing the right laptop helps creative teams hit tight deadlines and maintain a consistent production pace across projects.



Adobe Premiere Pro

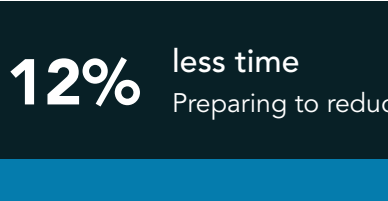
Generate video previews (MM:SS)

Less time is better



49% less time
Generating video previews

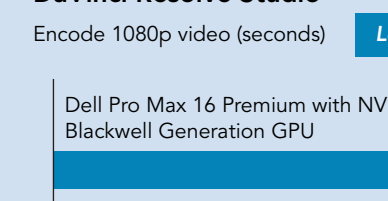
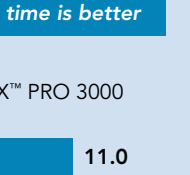
Shorter encoding could help reduce the chance a project misses its delivery slot and keeps edit cycles active.



Dell Pro Max 16 Premium

Quicker creative output

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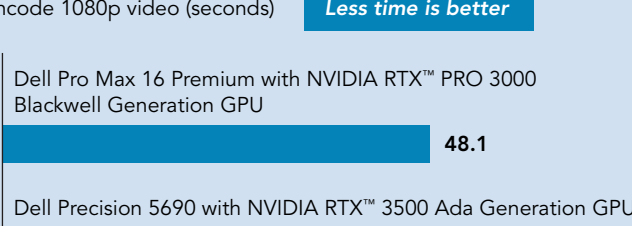


Dell Pro Max 16 Premium

DaVinci Resolve Studio

Encode 1080p video (seconds)

Less time is better



22% less time
Processing and exporting a final video

For colorists and finishers, faster completion could reduce the likelihood that the grade misses a review window and help keep creativity churning.



Dell Pro Max 14

More coding, less waiting

The right laptop for Power Users helps keep high-value technical work flowing instead of stalled behind build or slow query responses. It could mean tighter iteration rhythms, quicker issue resolution, and more productive development sessions across teams. Power Users can move through build-and-test loops and data exploration cycles with fewer delays.

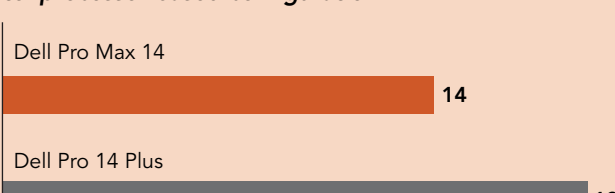


SQL query execution

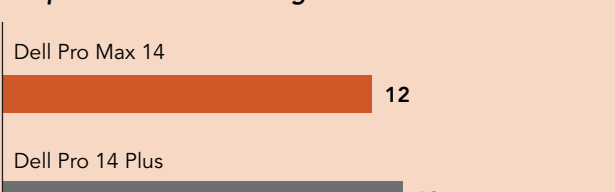
Complete data analysis queries - Total (seconds)

Less time is better

Intel processor-based configuration



AMD processor-based configuration



26% less time
Querying an SQL database

Faster query returns can help Power Users validate assumptions and fix data logic before they forget why they opened the query in the first place.

61% less time
Compiling Unreal Engine source code

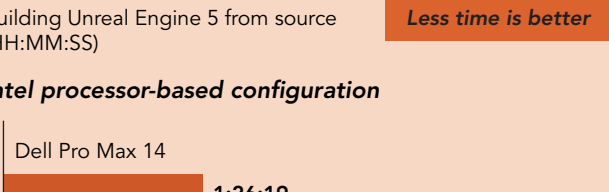
For Power Users, multi-hour reductions can reshape the workday, potentially turning idle build time into active coding and testing cycles.

C++ compilations

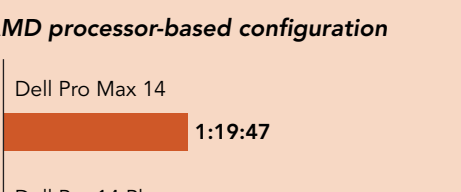
Building Unreal Engine 5 from source (HH:MM:SS)

Less time is better

Intel processor-based configuration



AMD processor-based configuration



To learn more, read the [report](#).