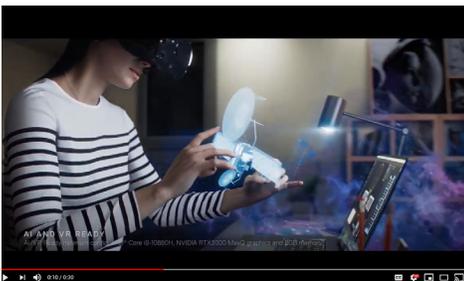


Dell Optimizer

Technology that adapts as fast as you do.



The World's most intelligent PCs with built-in AI learns and adapts to the way you work* so you can be your most productive.



Click on the images to see product videos featuring Dell Optimizer and read on to learn more.

Features of Dell Optimizer

Dell Optimizer's first of its kind technology improves application performance and battery run time; it enhances your audio, ensures you have the best network connectivity, and allows for faster sign-in. Dell Optimizer delivers a personalized performance that is as unique as you are.



Intelligent Audio detects your voice and stabilizes your system's volume for an enhanced conferencing experience.

Proximity microphone

Adds brighter and clearer tone to your voice, so you sound great during conference calls.

Intelligent noise elimination

Reduces background noise and automatically mutes non-human sounds that occur when you're not speaking.

Distortion reduction

Analyzes audio content in real-time to deliver louder output levels without feedback.



ExpressConnect enables you to have the best connectivity experience wherever you work, so you have fewer disruptions.

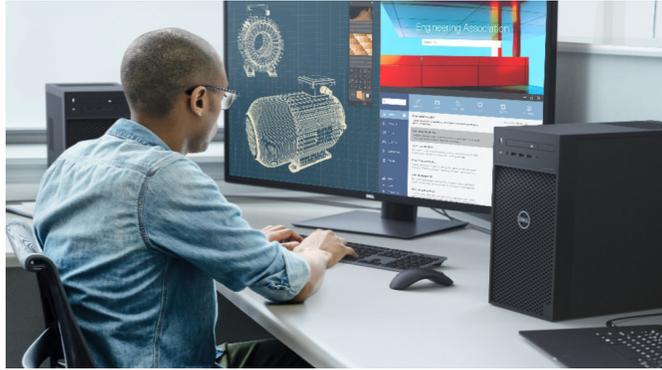
Bandwidth management

Prioritize bandwidth for your conferencing applications during calls.

Automatic network switching

Switch automatically to authenticated networks with better quality WiFi¹.

Features of Dell Optimizer



ExpressResponse uses AI and Intel® Adaptix Technology to manage the speed and performance of your most critical applications².

Choose your applications

Select your most critical apps and Dell Optimizer starts learning how you use them to improve performance.

Enhances performance

Applications launch and switch faster and perform better.



ExpressCharge analyzes your power consumption habits and improves your PC's battery performance, extending run time^{3,4,5}.

Guards against power failure

Regulates screen brightness, CPU performance, and other settings to ensure optimal battery performance.

Keeps you up and running

Avoid the stress of last-minute power disruptions with up to 80% charge in one hour or 35% in just 20 minutes.

Features of Dell Optimizer



ExpressSign-in uses Intel® Context and Intelligent Sensing technology to detect your presence, wakes the system, and logs you in with Windows Hello and automatically locks when you walk away.



Analytics is an exclusive feature for Dell Precision Workstation users. It generates reports to help identify CPU, storage, graphic and memory needs as they arise.

* Based on Dell analysis, November 2020, using publicly available data. Dell Optimizer is not available on OptiPlex 3000 series, 7070 Ultra, Latitude 3310 and Latitude Chromebook Enterprise. Feature availability varies by model.

1 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

2 Dell Optimizer ExpressResponse must be enabled in the Applications feature. DO learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.

3 Available on mobile devices only.

4 Within Dell Power Manager software, selecting ExpressCharge can recharge system battery from 0% up to 80% within 60 minutes. After charging has reached 80% capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging time may vary +/-10% due to system tolerance.

5 Within Dell Power Manager software, selecting either the Default mode of Adaptive Charge or ExpressCharge can recharge system battery from 0% up to 35% within 20 minutes when system is powered-off and battery temperature is between 16-45 degrees C. With ExpressCharge mode enabled, the system battery can then continue charging up to 80% within 60 minutes. After charging has reached 80% capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging time may vary +/-10% due to system tolerance