

PRODUCT BRIEF

Intel® Adaptix™ Technology

**Adaptive.
Intelligent.
Performance.**

Software¹ for the best possible performance and experience.

Overview

Intel® Adaptix™ Technologies is a collection of 4 advanced software packages each with its own targeted functions designed to enhance the performance and experience of Intel-based PCs and form factors. Intel has been delivering the tools necessary to tune and optimize the system performance of a PC for many years. These tools deliver optimization benefits that have grown over time and we can better demonstrate their total platform impact by bringing them under a single name. This will help OEMs and customers understand better that Intel not only has the most advanced hardware technologies in the world, but also advanced performance software IP that spans from tuning and overclocking to graphics. Using these free tools consumers win by experiencing better performance and enjoyment with their PC by customizing it to their needs while OEMs can access the best PC performance tuning tools in the industry.

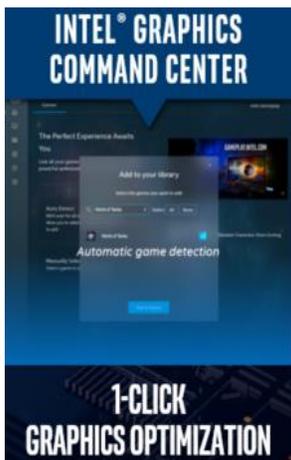
Learn more at www.intel.com/adaptix



Intel® Dynamic Tuning Technology

Download: OEM/ODM only

Dynamic Tuning has been in use for over 10 years and continually expanded its features to its current broad range, including an all-new Machine Learning algorithm for launch at Computex 2019. This software allows OEM system engineers to extract the highest performance from the Intel processor by allowing the CPU to stay in a higher power mode longer. This is done by sensing the system variables like Tskin temp, fan speeds, power (AC or DC), mode of usage, current CPU state, etc., and then changing the configurable CPU power levels to the maximum allowed by the OEM. All of this is done via a user interface that allows design engineers to quickly change settings and see the impact of those changes. The Dynamic Tuning software is only made available to OEM and ODM customers and is not intended for use by end users.



Intel® Graphics Command Center

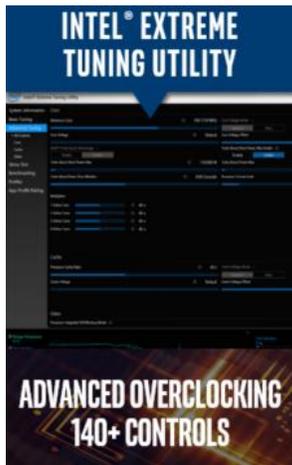
Download: Consumers, Microsoft Store

Launched in March 2019, the Intel® Graphics Command Center is an end user focused graphics UI that has been built from the ground up with gamers in mind. Ease-of-use was central to Intel's thinking. So it has been reconfigured to make things much easier to discover. We have included additional helpful educational information into the software so that end users find it easier to discover what settings do. The Intel Graphics Command Center also makes it simpler to adjust display and video settings, as well as to tune settings for games. It enables many new settings that the standard Windows* settings panel won't allow.



Intel® Performance Maximizer
Download: Consumers, Intel Download Center

An innovative, free automated overclocking software exclusively from Intel that makes it easy to dynamically and reliably custom-tune a select unlocked 9th Gen Intel® Core™ processor based upon its individual performance DNA. Other automatic overclocking software fail to consider the individual performance potential of a given processor, and instead generalize the overclock based on pre-characterized data.



Intel® Extreme Tuning Utility
Download: Consumers, Intel Download Center

Intel XTU is a free Windows*-based performance-tuning software that enables novice and experienced enthusiasts to overclock, monitor, and stress a system. The software interface exposes a set of robust capabilities common in most enthusiast platforms along with new features available on new Intel processors and Intel motherboards.

Adaptix™ Software Components	Function Summary	Targeted Customer	Supported Platforms
Intel® Dynamic Tuning Technology	Processor and platform power optimization tools. Customize Processor power settings and intelligently adapt to the environment and usage to increase processor performance	OEM/ODM Engineers	Currently notebook product lines such as U, Y, H, N series processors, desktop product support 1H 2020.
Intel® Performance Maximizer	Innovative and automated free overclocking software that makes it easy to dynamically and reliably custom-tune a select unlocked 9th gen Intel® Core™ processor based upon its individual performance DNA.	End User	Select desktop unlocked 9th Gen Intel® Core™ processors paired with the Z390 chipset.
Intel Extreme Tuning Utility	Advanced overclocking with over 140 controls for processor clocks, memory timings, voltage settings, etc.	End User	Desktop and Mobile unlocked or partially unlocked processors.
Intel® Graphics Command Center	An End User focused UI for easily adjusting graphics settings, 1-click game optimization, and teaching the end user about graphics changes and color settings.	End User	All 6 th Gen Intel Core™ processors with integrated graphics or newer



¹ These tools are available separately and are not part of a single download. Intel Dynamic Tuning is available to OEM/ODM customers only and not intended for consumer use.