

# Intel® Extreme Tuning Utility v7.7.0

Version Number: 7.7.0.12  
Release type: Production Release  
Release Date: 3/22/2022

Release Details as follows,

## Changes

- AlderLake-HX and Future Platform Support:
  - Added per-core OC TVB support
  - Added package OC TVB support
  - Added Intel Speed Optimizer support
  - Added VF Curve support
- Enhanced AlderLake – S Support:
  - Additional SKU support for Intel Speed Optimizer
  - Added Efficient TVB support
- Core Isolation Memory Integrity, Virtual Machine State, and Hyper-V state detection and notification updates
- Processor family and model naming conventions updated in the System Information tab

## Drivers included in release

Name	Version
IOCBIOS Device Driver	7.7.0.2
Intel® XTU Extension Device	7.7.0.2
Intel® XTU Component Device	7.7.0.12
Watchdog Device Driver	11.7.0.1004

## Known Issue(s):

- In some cases, XTU incorrectly detects the status of Core Isolation Memory Integrity if it has been turned on but the Group Policy setting for Device Guard Virtualization is manually set to disabled. This only occurs after the first reboot when changing this setting. The result is that XTU runs but cannot set valid real-time overclocking values. The solution is to reboot one additional time so that the group policy settings correctly set the state.
- Core Isolation Memory Integrity, Hyper-V, and Virtual Machine State are incompatible with XTU. XTU is unable to function when these features are enabled.
- HWBot Compare Online feature misidentifies 10850Ks as engineering samples

A portion of this software is object code provided with the Microsoft Enterprise Library. This object code is provided with the license noted below.

## Supported Platforms:

- Kabylake,
- KabylakeX,
- SkylakeX,
- Coffeelake
- CascadeLakeX
- CometLake
- RocketLake
- TigerLake
- AlderLake

*Note: Intel XTU may or may not work on unsupported processors. The list of currently supported processors is maintained at <https://www.intel.com/content/www/us/en/download/17881/intel-extreme-tuning-utility-intel-xtu.html>*

*Note: XTU is supported on Desktop, High End Mobile and High End Desktop (HEDT) Platforms. XTU is not supported on Server and Atom based platforms.*

### **Supported Operating Systems –**

- Windows 10 19H1
- Windows 10 19H2
- Windows 10 20H1
- Windows 10 20H2
- Windows 10 21H1
- Windows 10 21H2
- Windows 11 21H2

*Note: XTU is supported on 64 bit Operating systems only.*

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