



Intel® Performance Maximizer Version 1.0.1

Release for Coffee Lake-S Processors

Release Notes

May 2019



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Revision History

Table 1. Revision History

Package Definition	Intel® Performance Maximizer Software Package Revision	Release Date
Release for Coffee Lake-S Processors	1.0.1.602	May 2019



1 Introduction

This is the information for validated platforms. For a complete list of supported hardware and operating systems, please contact your Intel representative.

Note: Unless otherwise stated, the Intel® Performance Maximizer application displays the all-core active processor core turbo frequency.

1.1 Supported Operating Systems

This package supports the following Operating Systems (OS):

- Microsoft Windows 10 x64 Edition Version 1809 (October 2018 Update) and newer

1.2 Supported Hardware

Table 2. CPU Brand Strings

CPU Brand Strings	Chipset
Intel(R) Core(TM) i5-9600K CPU @ 3.70GHz	Intel Z390
Intel(R) Core(TM) i5-9600KF CPU @ 3.70GHz	Intel Z390
Intel(R) Core(TM) i7-9700K CPU @ 3.60GHz	Intel Z390
Intel(R) Core(TM) i7-9700KF CPU @ 3.60GHz	Intel Z390
Intel(R) Core(TM) i9-9900K CPU @ 3.60GHz	Intel Z390
Intel(R) Core(TM) i9-9900KF CPU @ 3.60GHz	Intel Z390



2 Configuration Guide

2.1 Minimum Requirements

- 8 GB RAM
- 16 GB free space on non-removable GPT drive
- Supported OS (see section 1.1)
- Supported CPU (see section 1.2)
- Supported chipset (see section 1.2)

2.2 BIOS Setup Guide

- Processor Core Overclocking must be enabled
- All processor cores must be enabled
- Intel® Hyper-Threading Technology (Intel® HT Technology), if supported on the processor, must be enabled
- Intel® Turbo Boost Technology 2.0 mode must be enabled
- Boot mode must be UEFI
- Enhanced Intel SpeedStep® Technology must be enabled
- Intel® Watchdog Timer Driver (Intel® WDT) must be enabled
- Refer to any additional recommendations/limitations in the *Known Issues* (section 4 table 4)



3 *Changes in this Release*

Table 3. Changes in this Release

Reference No:	Description	Impact	Workaround
	First production release		



4 *Known Issues in this Release*

Table 4. Known Issues

Reference No:	Description	Impact	Workaround
1	Some BIOS configurations may prevent Intel® Performance Maximizer from achieving the maximum processor core overclocking performance.	The system may not be overclockable using Intel® Performance Maximizer, the test run may be interrupted, or the maximum processor core overclocking performance may be reduced.	Recommend to reset BIOS to default values or update BIOS to latest version and re-run Intel® Performance Maximizer tests.
2	Intel® Performance Maximizer data is sometimes not readable in Windows OS on systems with Intel® Optane™ Technology enabled.	Intel® Performance Maximizer may not be able to overclock the system.	Rerun the Intel® Performance Maximizer tests.
3	Other installed overclocking applications may interfere with Intel® Performance Maximizer.	The overclocked result may be overwritten.	Uninstall other overclocking applications before using Intel® Performance Maximizer.