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Intel® Turbo Boost Max Technology (TBMT) 3.0

Production Maintenance Release 2

Release Notes

December 2018

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Package Definition | Intel® Turbo Boost Max Technology 3.0 Driver Revision | Intel® Turbo Boost Max Technology 3.0 Application Revision | Release Date |
| Production Version Maintenance Release 2 (MR2) Release | 1.1.10101.1014 | 1.1.10101.1014 | December, 2018 |
| Production Version Maintenance Release 1 (MR1) Release | 1.1.0.1005 | 1.1.0.1005 | May, 2018 |
| Production Version (PV) Release | 1.1.0.1004 | 1.1.0.2 | April, 2018 |

# Introduction

## Supported Operating Systems

This package supports the following Operating Systems (OS).

* Microsoft Windows\* 10 x64 – RS4 – Edition
* Microsoft Windows\* 10 x64 – RS5 – Edition

## Supported Processors

This package supports the following processor families:

* Intel® Core™ i7-69xx/68xx processor family for socket LGA 2011-v3 (single socket only)
* Intel® Xeon® E5-1600 v4 product family (single socket only)
* Intel® Core™ i9-7900X/i7-78XX processor family for socket LGA 2066 with X299 chipset

## Supported BIOS

Please refer to the BKC to get the updated version.

## Supported Microcode Firmware

Please refer to the BKC to get the updated version.

## Supported Collaterals

Please refer to the supporting documents mentioned below for the latest update on Intel® Turbo Boost Max Technology 3.0.

* Broadwell HEDT Platform Performance Tuning Guide

# Intel® Turbo Boost Technology 3.0 Driver & Control Panel Application Installation

## BIOS Setup

Refer to the Broadwell Platform Performance Tuning Guide for any BIOS setup instructions for Intel TBMT 3.0 (TBMT for brevity) installation/operation.

For TBMT driver installation, please ensure that ACPI BIOS exposes the device with Plug-and-Play ID **INT3510** to the Operating System.

## TBMT Driver/Application Installation

1. **Important**: Uninstall previous version of TBMT Driver/Application before installing this version of TBMT Driver/Application.
   * Go to Windows Control Panel, Programs, Uninstall a Program, and uninstall any previous version of Intel® Turbo Boost Max Technology 3.0 software.
   * Reboot the system.
2. Boot to Windows normally (not in Safe mode).
3. Unzip the TBMT Driver/Control Panel Application package.
4. Run setup.exe.
5. After successful installation, reboot the system.

## Intel® Turbo Boost Technology Driver Installation Verification Steps

Verify TBMT Driver Installation in Device Manager.

1. Go to Device Manager, System Devices
2. Check if **Intel® Turbo Boost Max Technology 3.0 Driver** exists and is not yellow banged
3. Close Device Manager

## Intel® Turbo Boost Technology Control Panel Application Installation Verification Steps

Following installation and reboot, verify TBMT Control Panel Application installation as described in this section.

### Windows\* 10

#### Start Menu

Verify presence of TBMT Control Panel Application shortcut in Windows\* Start Menu.

1. Launch Start Menu, All apps
2. Check if **Intel® Turbo Boost Max Technology 3.0** app group exists
3. Under **Intel® Turbo Boost Max Technology 3.0,** check if **Intel TBMT Control Panel** shortcut exists

# New features / Enhancements

| Reference No: | Description |
| --- | --- |
|  |  | |

# Issues – Fixed in this Release (since last official release)

Table 1. Fixed Issues

|  |  |
| --- | --- |
| Reference No: | Description |
| 2205448326 | iTBMT GUI isn't showing MFC at top of corelist for SKX-R QQRQ | |

# Issues – Known in this Release

Table 2. Known Issues

| Reference No: | Description |
| --- | --- |
| n/a | Intel® Turbo Boost Max Technology 3.0 driver shows yellow bang in device manager if system is booted in safe mode. This is expected as Intel® Turbo Boost Max Technology 3.0 driver is not designed to work in safe mode and therefore is not an issue. |

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