



Intel® Turbo Boost Max Technology 3.0

Production Version (PV) Release

Release Notes

April 2016

Introduction



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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 (PV) Release	1.0.0.1024	1.0.1.1	April, 2016
Production Candidate (PC) Release	1.0.0.1023	1.0.1.0	March, 2016
Beta Release	1.0.0.1019	(To be shipped in future)	January, 2016



1 Introduction

1.1 Supported Operating Systems

This package supports the following Operating Systems (OS).

- Microsoft Windows* 10 x64 Edition
- Microsoft Windows* 8.1 x64 Edition
- Microsoft Windows* 7 x64 Edition

1.2 Supported Processors

This package supports the Intel® Core™ i7-69xx/ 68xx processor family for socket LGA 2011-v3 (single socket only).

1.3 Supported BIOS

Please refer to the PV Release BKC to get the updated version.

1.4 Supported Microcode Firmware

Please refer to the PV Release BKC to get the updated version.

1.5 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



2 Intel® TBMT 3.0 Driver & Control Panel Application Installation

2.1 BIOS Setup

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

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

2.2 Intel® TBMT Driver/Application Installation

1. Boot to Windows normally (not in Safe mode).
 - o **Note:** For Windows 7 OS, ensure Microsoft security update **KB3033929** is installed prior to Intel® TBMT driver/application installation. Without this update, driver installation may encounter warning messages from Operating System. This security update is not necessary for Windows 8 or later Windows Operating Systems.
2. Unzip the Intel® TBMT Driver/Control Panel Application package.
3. Run Setup.exe in that package with Administrator privileges to install the Intel® TBMT driver and the control panel application.
4. Follow installation prompts and reboot the system.

2.3 Intel® TBMT Driver Installation Verification Steps

Verify Intel® 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 banded
3. Close Device Manager

2.4 Intel® TBMT Control Panel Application Installation Verification Steps

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



2.4.1 Windows* 10

2.4.1.1 Startup Programs

Verify if Intel® TBMT Control Panel Application is in Windows* Startup Programs list.

1. Verify if Intel® TBMT Control Panel Application launches automatically as a Startup program.
2. Launch task manager, tab to Startup, and check if **Intel® Turbo Boost Max Technology 3.0** exists and its status is set to **Enabled**.

2.4.1.2 Start Menu

Verify presence of Intel® 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

2.4.2 Windows* 8/8.1

2.4.2.1 Startup Programs

Verify if Intel® TBMT Control Panel Application is in Windows* Startup Programs list.

1. Verify if Intel® TBMT Control Panel Application launches automatically as a Startup program.
2. Launch task manager, tab to Startup, and check if **Intel® Turbo Boost Max Technology 3.0** exists and its status is set to **Enabled**.

2.4.2.2 Start Menu

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

1. Click on Start button
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

2.4.3 Windows* 7

2.4.3.1 Startup Programs

Verify if Intel® TBMT Control Panel Application is in Windows* Startup Programs list.

1. Verify if Intel® TBMT Control Panel Application launches automatically as a Startup program.



2. Run msconfig.exe, tab to Startup and check if **Intel® Turbo Boost Max Technology 3.0** exists and is enabled as a startup program.

2.4.3.2 Start Menu

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

1. Launch Start Menu, All Programs
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



3 Issues – Known in this Release

Table 1. 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.

§



4 *Tools Support*

TBD



5 *New features / Enhancements*

Reference No:	Description
1208100311	Optimization for Hardware Locked Parts



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

Table 2. Fixed Issues

Reference No:	Description
1208093214	GUI needs method to Uninstall Gracefully and Cleanly
1208093609	GUI uses Incorrect Brand Name in Error messages