



Tiger Lake Platform Intel® IOM Firmware

Release Notes - NDA

Revision 10.000f.0.0

January 2020

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Revision History

Revision Number	Description	Revision Date
10.000c.0.0	ES1 Initial release	Sep 2019
10.000d.0.0	ES2 support release	Oct 2019
10.000e.0.0	ES2 support release	Dec 2019
10.000f.0.0	ES2 support release	Jan 2020

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1 Introduction

1.1 Scope of Document

This document provides component level details of the downloaded kit and the contents of each folder in the kit.

1.2 Acronyms

Term	Description
BIOS	Basic Input Output System
FW	Firmware

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2 *Issue Status Definitions*

This document provides sightings and bugs report for Intel® CSME Firmware 13.0 SKU for the Ice Lake Platform. At the time of a milestone release, this report will be distributed with the Intel® CSME Kit and will provide information on new issues and the status of old issues (replacing the Release Notes document).

Closed Issues: This category will only display closed issues within the current Intel® CSME Kit release. After each release, old issues will be dropped down to the “Archive” section and then new closed issues will take its place back up top for the next release. If an issue is posted in this section, it will indicate that the issue has been verified and fixed within the kit that is being released.

Known Issues: This category will display all Known Issues since the Alpha release and will remain in this section until fixed or noted otherwise. “Known Issues” are still under investigation and may or may not be root caused.

Archive – Fixes in Previous Kits: This category will display all closed issues that were closed in their respected kit#. This section will serve as a history of fixed issues.

Sightings listed in this document apply to the Ice Lake SKU’s unless noted otherwise in this document or in the sightings tracking systems.

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3 Intel® IOM New Features - RCR's

RCR Number	Change Information

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4 Closed Issues

Issue Number	Description	Fixed in Version
2208230128	Enabling TC10 for Alpha stepping and beyond	10.000d.0.0
2208961112	Improve compliance mode entry - USB 3.1 Rx loopback	10.000e.0.0
2209649677	Workaround to limit TC-states to TC6 to mitigate TBT & USB Pkg-C10 issues and enable S0ix for TGL ES2	
2209683953	Fix for incorrect VCCIO calculation when xDCI is disabled	
14010233806	Fix for Sx, Pkg-C states and reset entry stability issues	
14010430801	Fix for USB devices not detecting after connecting/disconnecting Type-C charger on the same port.	
2209643091	Fix for fails to complete TBT alt-mode flow for UFP connection with USB tunneling enabled	
2209341610	Fix for IOM HW error reporting	
2209155181	Power saving enhancement during S3 and NDA scenario	10.000f.0.0
2209384604	Fix for a hang that was observed during S3-entry flow. This improves the IOM PM respond time.	
2209683382	Fix for a IOM FW hang that was observed when TCSS is in TCCOLD and doing S0ix.	



5 *Open / Known Issues – To Date*

Issue Number	Description	Details	Fix status

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6 Archive

6.1 Fixed in Previous Kits

N/A

6.2 RCR's

N/A

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