



# **Intel® Management Engine BIOS Extension 12.0.0.0010 Release Notes**

**Intel® 300 Series Express Chipset**

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***July 2018***

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# Revision History

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Date	Revision
March 11, 2016	12.0.0.0001
July 15, 2016	12.0.0.0002
December 28, 2016	12.0.0.0003
January 26, 2017	12.0.0.0004
June 12, 2017	12.0.0.0005
June 23, 2017	12.0.0.0006
August 14, 2017	12.0.0.0007
December 14, 2017	12.0.0.0008
March 19, 2018	12.0.0.0009
July 04, 2018	12.0.0.0010

## New Features

New Features (or changes) in < Build name and number >	
Reference No.	Description
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0001</b>	
N/A	Intel® MEBX 12.0.0.0001 is compatible with firmware 12.0.0.7023 or later
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0002</b>	
1804323919	Change Storage Redirection help description
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0003</b>	
1804657514	Rename Local FW Update option.
1504347787	Gray out AMT item when AMT function disabled to avoid "Get password policy error message" popup.
1804672514	Update MEBx Copyright Headers.
1804315318	Remove Small Business Advantage Code since it is no longer supported
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0004</b>	
1804716096	Rework BIOS/MEBx entry/exit parameters.
1804714427	Rework Heci Protocol Handling in MEBx
1804707571	Update MEBx Copyright to 2017
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0005</b>	
1805131310	Rework MEBX-BIOS API.
1805127862	Refactor AMTHI Interface.

1804921763	MEBx cleanup and code refactoring part 4.
1805116357	MEBx cleanup and code refactoring part 5.
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0006</b>	
N/A	N/A
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0007</b>	
1805179774	Rename MEBx internal APIs.
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0008</b>	
1305422935	Remove Unsecure Redirection Authentication method from MEBx.
1305397025	Disable AMT OOB Networking via MEBx, since current MEBx Menu does not provide an option to fully disable AMT.
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0009</b>	
N/A	N/A
<b>New Features in Intel® Management Engine BIOS Extension 12.0.0.0010</b>	
N/A	N/A

## NOTE:

"Intel® ME firmware version format (X.X.X.XXXX) includes major, minor, hotfix and build versions. When MEBX release note points out certain ME firmware version or later, the "later" means all later ME firmware version which includes "hotfix" and "build" versions based on the same "major" and "minor" versions. For example, if MEBX release note says MEBX is compatible with 12.0.0.1040 or later, it means the current MEBX can work with later ME12.0 (same major and minor version) firmware including 12.0.1.XXXX or 12.0.2.XXXX and so on

# Resolved Issues

<b>Resolved Issues in &lt;Build name and Number&gt;</b>	
<b>Reference No.</b>	<b>Description</b>
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0001</b>	
N/A	Initial release
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0002</b>	
1304491515	MEBx should wait for FID(Firmware Init Done) when it is invoked
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0003</b>	
N/A	N/A
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0004</b>	
N/A	N/A
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0005</b>	
N/A	N/A
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0006</b>	
1805152512	Error pop-up during enter to Power Control in MEBx
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0007</b>	
1304995804	MEBx provision record is missing
1305164274	Cannot enter MEBx on a LAN-less FW
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0008</b>	
1305407754	Partial HAP disables MEBx setup.
1805475774	BIOS gets asserted after reset trigger by sending IPS_OptInService command.
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0009</b>	
2202502942	System will show "Get User Caps Error" message when disable "Intel AMT" then select "N" on MEBx interface.
<b>Issues Resolved in Intel® Management Engine BIOS Extension 12.0.0.0010</b>	
1305779542	POST will show error message after flash FPT BIOS.
1305779542	When setting 'User Opt-in' to "All", the value becomes invisible

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