



# **Intel® Management Engine 11.6 (Intel® ME) Software**

**Release Notes - NDA**

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***December 2016***

***Revision 11.6.0.1045\_for\_Kaby Lake U/Y/H/S & Legacy  
platforms***

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# Contents

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1	Introduction .....	5
	1.1 Scope of Document .....	5
	1.2 Acronyms .....	5
2	Release Kit Summary .....	7
	2.1 Release Kit Details .....	7
	2.2 Kit Overview .....	7
	2.3 Contents of Downloaded Kit .....	7
	2.3.1 Intel® SW Components.....	8
	2.4 Release Version Numbering Information .....	8
3	Important Notes .....	9
4	Kit Details.....	10
5	Issue Status Definitions.....	11
6	Closed – Intel® Software Issues.....	12



## ***Revision History***

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<b>Revision Number</b>	<b>Description</b>	<b>Revision Date</b>
11.5.0.1020	Intel® ME 11.5 HF Release Software Only Kit	July 2016
11.5.0.1022	Intel® ME 11.5 HF Release Software Only Kit	October 2016
11.6.0.1045	Intel® ME 11.6 HF Release Software Only Kit	December 2016

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# 1 Introduction

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## 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
CCM	Client Control Mode (See: HPC)
CIM	Common Information Model
FW	Firmware
GbE	Gigabit Ethernet
HBC	Host Based Configuration
HECI	Host Embedded Controller Interface. Same as Intel® MEI.
Intel® CRB	Intel® Customer Reference Board
Intel® CIRA	Intel® Client Initiated Remote Access
Intel® DAL	Intel® Dynamic Application Loader (Intel® DAL)
Intel® FIT	Intel® Flash Image Tool
Intel® ICCS	Intel® Integrated Clock Controller Service
Intel® MSS	Intel® Management and Security Status
Intel® IPT	Intel® Identity Protection Technology
Intel® MEI	Intel® Management Engine Interface (interface between the Management Engine and the Host system)
Intel® NFC	Intel® PROSet/Wireless Near Field Communications Software
Intel® PETS	Intel® Platform Enablement Test Suite
Intel® PTT	Intel® Platform Trust Technology
Intel® SBA	Intel® Small Business Advantage
ISV	Independent Software Vendor
IUP	Independently Updatable Partitions
KVM	Keyboard/Video/Mouse
LAN	Local Area Network
LMS	Local Manageability Service
MAC	Media Access Control



<b>Term</b>	<b>Description</b>
MOF	Managed Object Format
MRC	Memory Reference Code
OS	Operating System
PCH	Platform Control Hub
PKI-CH	Public Key Infrastructure with Certificate Hashing
RCFG	Remote configuration
SOL	Serial over LAN
SPI	Serial Peripheral Interface
SUT	System Under Test
SVN	Security Version Number. Used in Firmware Upgrade / Downgrade capabilities
TDT	Theft Deterrence Technology. Previous name for AT-p, which is part of the Intel® Anti-Theft Technology.
UNS	User Notification Service
VCN	Version Control Number. Used in Firmware Upgrade / Downgrade capabilities
WMI	Windows* Management Instrumentation
WSI	Web Services Interoperability Organization



## 2 Release Kit Summary

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This document covers the following:

- Intel® Management Engine SW only for Kabylake U/Y/H/S Platforms & legacy platforms

### 2.1 Release Kit Details

- \* **Kit Release** : Intel(R) ME 11.6.0.1045 Software only HF release for Intel(R) ME11.x, ME10, ME9.x Firmware based systems
- \* **Target Platform** : U/Y/H/S Platforms
- \* **Zip name** : Intel(R)\_ME\_11.6\_SW\_Only\_11.6.0.1045

**Contents:**

- Intel® Management Engine Firmware Software Installers

### 2.2 Kit Overview

The kit can be downloaded from VIP (<https://platformsw.intel.com/>).

**Note:** A username and password are required to access the website and to log in. User must have an account created for access.

1. After logging in, click on the link 'View All Kits' on the left side of the web page.
2. Click on the corresponding kit number that is to be downloaded.
3. Select and open the appropriate kit component.
4. Click on the Installation Files folder under the selected component and extract the .zip kit into a folder (Example: C:\).

### 2.3 Contents of Downloaded Kit

Download the kit, as previously specified, into the directory (C:\). The details of the contents and directory structure are listed below:



### 2.3.1 Intel® SW Components

Installers	Description
ME_SW_MSI	<ul style="list-style-type: none"><li>Intel® MEI is the interface between the host and the Intel® Management Engine firmware.</li><li>Drivers and applications on the host that wish to interact with Intel® Management Engine through the host interface use the Intel® MEI host Windows* driver.</li><li>Intel® MEI driver is installed by running: C:\[skuName_x.x.xxxx]\Installers\ME_SW_MSI\SetupME.exe</li><li>To view the installer options, enter the following in a Command window: <b>setup.exe -?</b> and the help dialog should appear.</li><li>Additional information can be found in the <i>Intel(R)_ME_SW_Installation_Guide.pdf</i> document within this kit.</li></ul>
MEI-Only Installer MSI	<ul style="list-style-type: none"><li>The MEI-Only Installer only installs the Intel® MEI driver.</li></ul>

## 2.4 Release Version Numbering Information

Typical release version numbering is as follows,

**11.6.y.z** (for example: 11.6.0.zzzz) where:

'11' refers to the Intel® Management Engine 11.x Firmware SKU for Kabylake U/Y Series Platform.

'6' represents point releases where new features or changes to existing features may be added.

'y' refers to Maintenance and Hot Fix release designations.

'z' refers to firmware release revision.

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## ***3 Important Notes***

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- N/A



## 4 Kit Details

Kit	Build Details	Changes since previous release	Reasons for changes
<b>Intel® MEI Driver Version</b>	11.6.0.1042 <b>Submission ID</b> Windows* 10: 14486001574763730 Windows* 7: 13510798887986141	Yes	See SW issues highlighted below
<b>SOL Driver Version</b>	11.6.0.1009 Submission ID: 1889498	No	See SW issues highlighted below

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## 5 *Issue Status Definitions*

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This document provides sightings and bugs report for Intel® ME Software 11.6 SKU for the Kabylake U/Y Series Platform. At the time of a milestone release, this report will be distributed with the Intel® ME 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® ME 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 Kabylake U/Y SKU's unless noted otherwise in this document or in the sightings tracking systems.**

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## 6 Closed – Intel® Software Issues

Issue#	Description	Details	Affected Sku's
229559	Platform hangs during shutdown due to improper addressing of high level interrupts.	<b>Affected Component:</b> SW.HECI Driver <b>Impact:</b> System hangs during shutdown process.	<b>Corp/Cons U/Y/S/H Series</b>
229516	Intel® ME driver only distributes for Windows* 10 RS1 and not for Windows* 10 TH2.	<b>Affected Component:</b> SW.HECI Driver <b>Impact:</b> Intel® HECI driver is missing in Windows* 10 TH2.	<b>Corp U/Y/S/H Series</b>
229472	Event log shows an error message of 'OS lockup or power interrupt' in MESH when pressing PAUSE during POST.	<b>Affected Component:</b> FW.HECI Driver <b>Impact:</b> Intel® AMT watch dog feature will not function properly on Windows* 7 & discrepancy of Intel® AMT event log messages can be seen.	<b>Corp U/Y/S/H Series</b>
228914	Intel® MSS connection status turn to disconnected after defining internal MPS.	<b>Affected Component:</b> SW.AMT.Icon <b>Impact:</b> AMT will appear as disconnected though it is connected.	<b>Corp U/Y/S/H Series</b>
1209281634	Intel® Online Connect (IOC) causes lower than expected battery life.	<b>Affected Component:</b> SW.IPT.IOC <b>Impact:</b> The system wakes up more often than 15.6ms which results in lower battery life.	<b>Cons/Corp U/Y/S/H Series</b>

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