

April 2017

Dear Customer,
Intel® Rapid Storage Technology enterprise (Intel RSTe) 4.6.0.1091 PV Release Package.

The Intel RSTe 4.6.0.1091 PV package is the production release to support the Intel® C600/C610/C220 and C230 series chipset based platforms. These are WHQL'ed drivers and support both RAID configured and "Pass-through" drives.

The release of Intel RSTe 4.6.0.1091 kit introduces support for Windows* 10 RS2.

For a platform BIOS that includes this Intel RSTe UEFI driver, it will need to support these protocols as well. This will allow warning messages generated by the Intel RSTe UEFI driver to be displayed on the screen.

To upgrade from an older supported OS (i.e. Windows* 7) to Windows* 10, it is strongly recommended to first upgrade to the Intel RSTe 4.6.0.1091 PV package prior to performing the OS upgrade. At a minimum, to support a Windows* 10 upgrade, the Intel RSTe driver must be upgraded to 4.2.0.1143 PV kit prior to performing the OS upgrade. The last required step, after the Windows* 10 upgrade is complete, is to reinstall Intel RSTe 4.6.0.1091 PV package. This is important because the Windows* 10 inbox driver used is not Intel RSTe.

NOTE: On platforms that contain Intel® C230 series chipset SKUs supporting 8 ports, it is important to note that the Microsoft RAID inbox driver does not support configurations with 8 ports. As a result, Intel does not recommend including ports 7 and/or 8 in a RAID volume intended for the OS to be installed on.

Intel RSTe does not support upgrading from Windows* Server2003 and Windows* Server 2008 to Windows* 10 client.

With the release of Windows* 8, Windows* 8.1, Windows* Server 2012, Windows* Server 2012 R2 and Windows* Server 2016, Microsoft included an inbox driver to support the Intel® C600/C610/C220 and C230 series chipset's AHCI Controller when configured in RAID mode. This driver is not an Intel RSTe driver and is intended to support customers who may not have access to the F6 drivers when the OS is being installed. The inbox driver is ONLY intended to be installed to a **single pass-through drive**. They are NOT intended to be installed to a RAID volume. Once the OS has been installed, immediately install the Intel RSTe 4.6.0.1091 PV package, and then use the Intel RSTe GUI to create and manage the RAID volumes.

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NOTE: When running in a configuration where the system boot drive is connected to the Intel® C600/C610/C220 and C230 series chipset's AHCI Controller, and that controller is configured for RIAD mode, **DO NOT** use the inbox drivers (included with the Windows* 8.1, Windows* Server 2012, Windows* Server 2012 R2, Windows* 10 and Windows* Server 2016 ISO images) for installing these OS's to a RAID volume. Use the F6 drivers provided with each release. If those F6 drivers are not available use the inbox driver to install to a **single pass-through drive**.

NOTE: Intel does not recommend upgrading from Windows* 7 to Windows* 8 on the AHCI Controller if the system Volume is on a RAID Volume greater than 2TB. The Windows* 8 installer uses the inbox drive (MSM 8.2) does not support RAID Volumes that are greater than 2TB.

Please note that Intel RSTe no longer includes a driver to support Windows Vista, Windows Server 2003 and Windows Server 2008 SP2. For platforms that need to support these operating systems, continue using the intel RSTe 4.1.0.1047 PV kit.

Please refer to the included documentation for sightings reports, installation instructions and release notes.

Sincerely,
Dan Thompson
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