



MRD7 Windows Drivers

Driver Installation Steps

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1 Introduction

All the software components used should match the ones detailed in the BKC (Best Known Configuration) for this release.

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2 *Driver Installation Steps*

2.1 Installation Preparation

Before starting driver installation, install a clean Windows* 8.1 Spring Update (9600.17031) 32-bit on the target machine, and copy the complete driver package onto it.

Two installation method is provided in this package: master Installer and script file. Please follow the instructions below to complete the driver installation.

2.2 Driver Installation – Master Installer

2.2.1 Install Platform Driver

- i. Double click "setup.exe" under the folder "Installer\PlatformInstaller"
- ii. Follow the instructions on screen to complete the installation
- iii. Reboot



2.3 Driver Installation – Script File

- i. Open CMD as administrator
- ii. Run batch file: "Install_all.bat" under the folder "Script", it will install the following drivers:
 - I2C driver
 - GPIO driver
 - UART driver
 - Virtual GPIO driver
 - Audio Controller driver
 - Camera drivers
 - Sensor driver
 - MBI driver
 - DPTF driver
 - PMIC driver
 - Graphic driver
 - Battery Management driver
 - TXEI driver
- iii. Reboot

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Appendix A Driver Package Information

Driver Folder Name	Description
Installer\PlatformInstaller\Drivers\I2C	I2C driver package
Installer\PlatformInstaller\Drivers\GPIO	GPIO driver package
Installer\PlatformInstaller\Drivers\UART	UART driver package
Installer\PlatformInstaller\Drivers\GPIOVirtual	GPIO virtual driver package
Installer\PlatformInstaller\Drivers\MBI	MBI driver package
Installer\PlatformInstaller\Drivers\PMIC	PMIC driver package
Installer\PlatformInstaller\Drivers\BM	Battery Management driver package
Installer\PlatformInstaller\Drivers\Audio	Audio controller driver package
Installer\PlatformInstaller\Drivers\Camera	Camera driver package
Installer\PlatformInstaller\Drivers\TXEI	Intel® TXEI driver package
Installer\PlatformInstaller\Drivers\Sensor	Sensor driver package
Installer\PlatformInstaller\Drivers\DPTF	Intel® DPTF driver package
Script	Installation script files
SPI Image\GOP	GOP driver package
SPI Image\Image	BIOS image file

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