



Intel[®] Atom[™] Processor Z3700 Series Drivers

Driver Installation Steps

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Production Version

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Contents

1	Introduction	4
2	Driver Installation Steps	5
2.1	Installation Preparation	5
2.2	Driver Installation – Master Installer	5
2.2.1	Install Platform Driver	5
2.2.2	Install Security Services (Optional)	5
2.3	Driver Installation – Script Files	6
2.3.1	Install IO Driver	6
2.3.2	Install MBI Driver	6
2.3.3	Install PMIC Driver	6
2.3.4	Install Audio Driver	6
2.3.5	Install Intel® HD Graphics Driver	6
2.3.6	Install Camera Driver	7
2.3.7	Install NFC Driver	7
2.3.8	Install Intel® Dynamic Platform and Thermal Framework (Intel® DPTF) Driver	7
Appendix A	Driver Package Information	8



1 Introduction

All the software components used should match the ones detailed in the BKC (Best Known Configuration) for this release (Doc Number: 512138).

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2 Driver Installation Steps

2.1 Installation Preparation

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

Two installation methods are provided in this package: Master Installer and script files. 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

2.2.2 Install Security Services (Optional)

This installer is only required before installing advanced security applications (such as Intel® Anti-Theft Technology)

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



2.3 Driver Installation – Script Files

2.3.1 Install IO Driver

- i. Open CMD as administrator
- ii. Run batch file: “Install_IO_Drivers.bat” under the folder “Script”, it will install the following drivers:
 - I2C driver
 - GPIO driver
 - UART driver
 - SPI driver
 - Virtual GPIO driver
- iii. Reboot

2.3.2 Install MBI Driver

- i. Open CMD as administrator
- ii. Run batch file: “Install_MBI_Driver.bat” under the folder “Script”
- iii. Reboot

2.3.3 Install PMIC Driver

- i. Open CMD as administrator
- ii. Run batch file: “Install_PMIC_Driver.bat” under the folder “Script”
- iii. Reboot

2.3.4 Install Audio Driver

- i. Open CMD as administrator
- ii. Run batch file: “Install_Audio_Driver.bat” under the folder “Script”
- iii. Reboot

2.3.5 Install Intel® HD Graphics Driver

- i. Open CMD as administrator
- ii. Run batch file: “Install_Graphics_Driver.bat” under the folder “Script”
- iii. Reboot



2.3.6 Install Camera Driver

- i. Open CMD as administrator
- ii. Run batch file: "Install_Camera_Driver.bat" under the folder "Script"
- iii. Reboot

2.3.7 Install NFC Driver

- i. **Make sure Sec enabled FW is flashed**
- ii. Open CMD as administrator
- iii. Run batch file: "Install_NFC_Driver.bat" under the folder "Script"
- iv. Reboot

2.3.8 Install Intel® Dynamic Platform and Thermal Framework (Intel® DPTF) Driver

- i. Open CMD as administrator
- ii. Run batch file: "Install_DPTF_Driver.bat" under the folder "Script"
- iii. Reboot

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Appendix A Driver Package Information

Driver Folder Name	Description
Installer\SecInstaller	Intel® Trusted Execution Engine Interface (Intel® TXEI) driver package, including security services, such as iCLS
Installer\PlatformInstaller\Drivers\I2C	I2C driver package
Installer\PlatformInstaller\Drivers\GPIO	GPIO driver package
Installer\PlatformInstaller\Drivers\UART	UART driver package
Installer\PlatformInstaller\Drivers\SPI	SPI 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\Audio	Audio driver package
Installer\PlatformInstaller\Drivers\Camera	Camera driver package
Installer\PlatformInstaller\Drivers\TXEI	Intel® TXEI driver package
Installer\PlatformInstaller\Drivers\NFC	NFC 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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