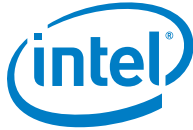


Intel[®] Atom[™] Processor E3800 Product Family/Intel[®] Celeron[®] Processor N2807/N2930/J1900 SPI Driver

Release Notes

May 2014

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1 *Driver Information*

This is the main SPI driver (32-bit and 64-bit) for the Intel® Atom™ Processor E3800 Product Family (formerly known as Bay Trail-I)/Intel® Celeron® Processor N2807/N2930/J1900 (formerly known as Bay Trail-M/D) platform for Microsoft Windows* 7, WES7, and Windows* Embedded POSReady 7.

- Driver name

`iaiospi.sys`

Intel® Atom™/Celeron®/Pentium® Processor SPI Controller in device manager list

- Version

1.1.5.1021

- Release Data

3/10/2014

- List of files in the driver package

- Driver binaries
 - `iaiospi.inf`
 - `iaiospi.sys`
 - `iaiospi.cat`
- Driver interface head filer
 - `SPIPublic.h`
- Driver documents
 - `BYT-I_Win7_IODriver_Programmer_Guide.docx`
 - `ISG_BYT-I_SPI_Driver_Release_Note.docx`

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2 System Requirements

- Supported Platforms
 - Bay Trail-I Fab3 Rev3 (SKU: B3)
 - Baker Sport Fab B (SKU: B3)
 - Windows* 7 Ultimate 64-bit SP1 (7601)
 - Windows* 7 Ultimate 32-bit SP1 (7601)
 - Windows* Embedded Standard 64-bit SP1 (7601)
 - Windows* Embedded Standard 32-bit SP1 (7601)
 - Windows* Embedded POSReady 7 64-bit
 - Windows* Embedded POSReady 7 32-bit
- Development Environment
 - Windows* 7 64-bit SP1 (7601)
 - Microsoft* Visual Studio Professional 2012 Version 11.0.50727.1 RTMREL
 - MSBuild 4.0.30319.17929
 - Windows* Driver Kit 8.0.0
- Dependency
 - Not applicable
- Constraint
 - Not applicable

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3 *Enabled Features*

- Supports SPI modes 0,1,2,3
- Supports transfer rate at the minimum rate of 100 kbps and at the maximum rate of 15 Mbps
- Supports polling of IO data transfer (Read/Write)
- DMA data transfer

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4 *Disabled Features*

Not applicable

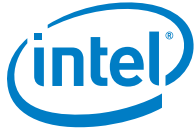
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5 *Fixed Issues or New Features*

Not applicable

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6 *Known Issues*

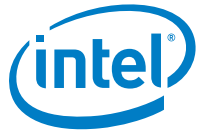
Occasionally, one bit is wrong in SPI.

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7 *Installation Guide*

- Execute Intel Processor Win7* IO Drivers 64Bit.msi to install the 64-bit driver.
- Execute Intel Processor Win7* IO Drivers 32Bit.msi to install the 32-bit driver.
- Uninstall the driver from **Control Panel\All Control Panel Items\Programs and Features**, or uninstall the driver by selecting **MSI installer** again.



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