

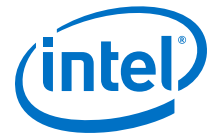
Nios® II Release Notes

Updated for Intel® Quartus® Prime Design Suite: **19.2**



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1. Nios® II Intel® Quartus® Prime version 19.2 Release Notes

The Nios® II Intel® Quartus® Prime version 19.2 Release Notes provide information about the 19.1 through 19.2 software release versions for the Nios II Embedded Design Suite (EDS), Nios II Processor Intellectual Property (IP), and Embedded IP cores.

For more information about the Nios II Processor, refer to the *Nios II Processor* web page.

For other important information, refer to:

- *Knowledge Base* web page on the Intel FPGA website to search for errata based on the product version affected.
- *Nios II Embedded Design Suite Release Notes* web page to access archived versions of the Nios II Embedded Design Suite (EDS) Release Notes, Nios II Processor Release Notes, and Embedded IP Release Notes.

Related Information

- [Nios II Embedded Design Suite Release Notes \(Archived\)](#)
This web page contains previous versions of the Nios II Embedded Design Suite (EDS) Release Notes, Nios II Processor IP Release Notes, and Embedded Intellectual Property (IP) Release Notes.
- [Knowledge Base web page](#)
- [Nios II Processors web page](#)

2. Nios II Intel Quartus Prime version 19.2 Software Release

This section provides up-to-date information about the Nios II Intel Quartus Prime software release for 19.2.

Nios II Processor IP

No changes to the Nios II Processor IP for the Intel Quartus Prime version 19.2 release.

Nios II Embedded Design Suite

In the Windows* version of Nios II EDS, Cygwin has been removed and replaced with Windows Subsystem for Linux* (WSL).

For installation instructions, refer to the *Installing Windows Subsystem for Linux (WSL) on Windows* sections in the *Nios II Software Developer Handbook* and *Nios II Processor Reference Guide*.

Known Issues for the Nios II Embedded Design Suite

Table 1. `wslpath: <Nios II EDS installation directory or Nios II project directory> No such file or directory`

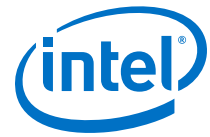
Description:	<p>Due to a problem in WSL relating to path translation on mounted drives, Nios II EDS tools do not work properly for the following conditions:</p> <ul style="list-style-type: none"> You are using an OS build version of Windows 10 which is older than 18252. Your Nios II project and Nios II EDS installation directory are not located in a local drive.
Workaround/Fix:	<p>To work around this problem, use a local installation of the Nios II EDS tools and a local drive for your Nios II project.</p> <p>For more information, refer to https://github.com/Microsoft/WSL/issues/3246.</p>

Embedded IP

No changes to the Embedded IP for the Intel Quartus Prime version 19.2 release.

Related Information

- [Nios II Software Developer Handbook](#)
- [Nios II Processor Reference Guide](#)



3. Nios II Intel Quartus Prime version 19.1 Software Release

This section provides up-to-date information about the Nios II Intel Quartus Prime software release for 19.1.

Nios II Processor IP

No changes to the Nios II Processor IP for the Intel Quartus Prime version 19.1 release.

Nios II Embedded Design Suite

You have to manually install Eclipse from the [Eclipse download page](#), in order to get the Nios II development environment running.

Note:

Nios II Eclipse plug-ins are delivered in Intel Quartus Prime with the necessary installer and readme files.

Embedded IP

No changes to the Embedded IP for the Intel Quartus Prime version 19.1 release.

4. Document Revision History for Nios II Release Notes

Table 2. Document Revision History for Nios II Release Notes

Document Version	Changes
2019.07.01	Added information about removing Cygwin and replacing it with WSL.
2019.04.10	Added information about the Eclipse install.
2018.09.24	Added new features, bug fixes, enhancements, and known issues during the Intel Quartus Prime version 18.1 release of the Nios II cores.
2018.05.07	Added new features, bug fixes, enhancements, and known issues during the Intel Quartus Prime version 18.0 release of the Nios II cores.
2017.12.05	Added new features, bug fixes, enhancements, and known issues during the Intel Quartus Prime version 17.1 release of the Nios II cores.
2017.05.08	Added new features, bug fixes, enhancements, and known issues during the Intel Quartus Prime version 17.0 release of the Nios II cores.
2016.11.07	<ul style="list-style-type: none"> Combined the Nios II Embedded Design Suite (EDS), Nios II Processor IP, and Embedded Intellectual Property (IP) release notes into this release note. Added new features, bug fixes, enhancements, and known issues during the Intel Quartus Prime version 16.1 release of the Nios II cores.