



# CUSTOMER ADVISORY

## ADV2011

### Discontinuance of Selected Intel® Quartus® II Software Subscription & Web Editions

---

#### Description:

Intel® is announcing the discontinuance of all older versions of Intel® Quartus® II software Subscription Edition and Intel Quartus II software Web Edition released from 2002 through 2013 (except Intel Quartus II software Subscription / Lite Edition versions 13.1.4 and 13.0 SP1, which will remain available). The versions covered by this announcement include all variants of these versions that support different operating systems.

This product discontinuance applies only to these older versions of the Intel Quartus software, not to the related Intel FPGA and CPLD devices. The software versions will no longer be available for download after 26<sup>th</sup> of June 2020, do not include the latest functional and security updates, and will not be supported with any additional functional, security, or other updates. All versions are provided as is.

#### Recommended Actions:

Intel recommends that users of the affected Intel Quartus II software versions uninstall, discontinue use, and upgrade to the latest available software version compatible with your Intel FPGA or CPLD device (see Table 1). Users should keep their software up-to-date and follow the technical security recommendations detailed below.

Users with a device compatible with Intel Quartus software version 14.0 or above will be able to update to newer software versions, which Intel plans to release later in 2020. These versions are scheduled to include functional and security updates. Users should install the latest version upon release and keep your software up to date.

If your current device does not work with version 14.0 or above, you will not be able to update to a version with additional functional and security updates at any time.

Table 1 identifies the latest software available for your Intel FPGA and CPLD devices.

**Table 1**

| Device              | Upgrade to Intel Quartus II Software Version |               |
|---------------------|----------------------------------------------|---------------|
|                     | Subscription                                 | Web           |
| Cyclone             | 13.0 SP1                                     | Not supported |
| MAX 3000A           |                                              |               |
| MAX 7000 (AE/B/S)   |                                              |               |
| Hard Copy II/III/IV |                                              |               |
| Stratix (GX)        |                                              |               |
| Stratix II (GX)     |                                              |               |
| Cyclone II          |                                              |               |
| Arria GX            |                                              |               |
| MAX 7000A           |                                              |               |
| Stratix III         | 13.1.4                                       | Yes           |
| Cyclone III /LS     |                                              |               |

| Device            | Upgrade to Latest Intel Quartus Prime Software Version |               |               |
|-------------------|--------------------------------------------------------|---------------|---------------|
|                   | Pro                                                    | Standard      | Lite          |
| Arria V           | Not supported                                          | Yes           | Not supported |
| Arria V GZ/GT     |                                                        |               |               |
| Arria V SX/ST     |                                                        |               |               |
| Stratix V GT      |                                                        |               |               |
| Stratix V E/GX/GS |                                                        |               |               |
| Stratix IV        |                                                        |               | Yes           |
| Arria II GX/GZ    |                                                        |               |               |
| Cyclone IV E/GX   |                                                        |               |               |
| Cyclone V E/GX/GT |                                                        |               |               |
| Cyclone V SE/SX   |                                                        |               |               |
| MAX II (G/Z)      |                                                        |               |               |
| MAX V             |                                                        |               |               |
| Cyclone 10 LP     |                                                        |               |               |
| MAX 10            |                                                        |               |               |
| Arria 10          | Yes                                                    | Not supported | Not supported |
| Cyclone 10 GX     |                                                        |               |               |
| Stratix 10        |                                                        |               |               |
| Agilex            |                                                        |               |               |

**Technical Security Recommendations:** In addition to updating to the latest available software version, Intel recommends that users assess and, as appropriate, adopt the following security practices based on your use case and needs.

You can improve the security of your Intel Quartus Prime installation by following these security recommendations:

- Install the latest tools that support your design.
- During installation, select only the minimum software components that you require.
- Install the latest version of the Intel Quartus Prime Standard Edition software or Intel Quartus Prime Pro Edition software backwards-compatible components that require connection to network or FPGA hardware device (FPGA Software Download Center, Additional Software tab):
  - FLEXlm License Server Software
  - Intel Quartus Prime Programmer and Tools, which includes Intel Quartus Programmer, JTAG utilities, and USB-Blaster Drivers
- Turn off the following optional features that connect to the Internet:
  - Check for software updates: Tools menu > Options, Internet Connectivity; Disable options under Startup
  - Crash reporter: Tools menu > Options, Internet Connectivity tab, Problem report; Disable Always send report to Intel when internal error occurs (command-line only)
  - Talkback: Tools menu > Options, Internet Connectivity, TalkBack Options; Disable Turn on the Intel Quartus II software TalkBack feature option if you were using Intel Quartus II software edition 16.0 and below
- Install and run the Intel Quartus Prime software or Intel Quartus II under unprivileged system accounts (No root/administrator privileges).
- Set your firewall rules to block network connectivity for any of the Intel Quartus II, Intel Quartus Prime, or ModelSim\* component:
  - Allow traffic only to the FlexLM license server, or use a node-locked fixed license instead of a network floating license.
- Use System Console and related on-chip debug tools in a secure environment by opening ports (assigned when installing the server) only for inter-process communication on local machine.

## Products Affected:

Table 2 lists the product families that are affected with this software discontinuance.

**It is important to note that this notification is not a device part number discontinuance and there is no change associated with availability of the device part numbers.**

**Table 2**

| <b>Obsolete Devices</b> | <b>Active devices</b> |
|-------------------------|-----------------------|
| ACEX 1K                 | Arria® GX             |
| APEX 20K                | Cyclone II            |
| APEX II                 | Cyclone III /LS       |
| Cyclone®                | HardCopy II           |
| Excalibur               | HardCopy III          |
| FLEX 10K                | HardCopy IV E         |
| MAX® 3000A              | HardCopy IV GX        |
| MAX 7000 (AE/B/S)       | MAX 7000A             |
| Mercury                 | Stratix II /GX        |
| Stratix® (GX)           | Stratix III           |

**To facilitate review, the list of device part numbers (OPNs) affected by the software discontinuance can be downloaded in Excel form:**

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/pcn/adv2011-opn-list.xlsx>

## Change Implementation:

**Table 3**

| <b>Intel Quartus II software version</b>                                                                                                                                                                               | <b>Last Date for Downloads</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Intel Quartus II software Subscription Edition and Intel Quartus II software Web Edition released during 2002 through 2013 (except Intel Quartus II software Subscription / Lite Edition versions 13.1.4 and 13.0 SP1) | June 26 <sup>th</sup> , 2020   |

## Contact:

For more information, please contact your local Sales representative, or submit a question or request at the My Intel support page, log-in via:

<https://www.intel.com/content/www/us/en/my-intel/fpga-sign-in.html>

## Customer Notifications Subscription:

Customers that subscribe to Intel FPGA customer notification mailing list will receive the notifications automatically via email.

If you would like to receive Intel FPGA customer notifications by email, you can register to the Intel FPGA program and set up your subscription at:

<https://www.intel.com/content/www/us/en/programmable/my-intel/malemailsub/technical-updates.html>

## Revision History

| Date       | Rev   | Description     |
|------------|-------|-----------------|
| 03/26/2020 | 1.0.0 | Initial Release |

# **CUSTOMER ADVISORY**

## **ADV2011**

**INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.**

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request. No product or component can be absolutely secure.

**Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key dates set forth in this attached notification.**

©2020 Intel Corporation. All rights reserved. Intel, the Intel logo, Altera, Arria, Cyclone, Enpirion, Max, Nios, Quartus and Stratix words and logos are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Other marks and brands may be claimed as the property of others. Intel reserves the right to make changes to any products and services at any time without notice. Intel assumes no responsibility or liability arising out of the application or use of any information, product, or service described herein except as expressly agreed to in writing by Intel. Intel customers are advised to obtain the latest version of device specifications before relying on any published information and before placing orders for products or services.