



Product Change Notification

Change Notification #: 117554 - 00
Change Title: Select Intel® Quartus® II devices,
PCN 117554-00, Product Design,
Discontinuance of Software Subscription &
Web Editions
Date of Publication: April 14, 2020

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Intel Quartus II software version	Last Date for Downloads
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 th , 2020

Description of Change to the Customer:

This is the same change described in ADV2011 issued on March 26, 2020.

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 26th 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.

Customer Impact of Change and Recommended Action:

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		
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				
Arria II GX/GZ			Yes	Yes
Cyclone IV E/GX				
Cyclone V E/GX/GT				
Cyclone V SE/SX				
MAX II (G/Z)				
MAX V				
Cyclone 10 LP			Yes	Not supported
MAX 10				
Arria 10				
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.

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>

Products Affected / Intel Ordering Codes:

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

Obsolete Devices	Active devices
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>

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
April 14, 2020	00	Originally Published PCN



Product Change Notification

117554 - 00

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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.

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

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