

QUARTUS 14.1 - LICENSING AND INSTALLATION INSTRUCTIONS FOR WINDOWS

1. Go to <https://www.intel.com/content/www/us/en/my-intel/fpga-sign-in.html>
If you do not already have an Intel or a myAltera account, register for an individual account. (figure 1.1)
If you already have an account, sign in as an Intel Customer.
2. Go to the following page and log into your account: (figure 2.1)
<https://www.intel.com/content/www/us/en/programmable/f/download/licensing/lic-q2web.html>
3. On the page, fill out your Personal Information for the Web Edition License. (figure 3.1)
Enter your network interface card (NIC) number, also known as your MAC address.
(If you do not know how to find your MAC/NIC address follow the following instructions)
 - i. Type "cmd" in the search bar of your computer. (figure 3.2)
 - ii. Select "Command Prompt" and wait for the window to open.
 - iii. In the Command Prompt window enter "ipconfig/all" command. (figure 3.4)
 - iv. Scroll up and the NIC number will be displayed as the Physical Address. (figure 3.5)Make sure to select "Academic" under Registration Information.
4. After submitting the form, allow 24 hours for your license file to be emailed to you. Intel will email you the license file along with instructions on how to install it. (Look for an email from authorization@intel.com)The license file will have a ".dat" file extension.
5. Once you receive the email, download the .dat file.
6. Download Quartus II 14.1 for free on labs website: (figure 5.1)
<http://comsys.ee.unlv.edu/~eelabs/QuartusSetup-14.1.0.186-windows.exe>
7. Open file and run through the prompts to install Quartus II 14.1
8. Ensure that Quartus II 14.1 is going to be installed in the C:/altera/14.1 directory
9. Move your *.dat license file into the Quartus II 14.1 directory (C:/altera/14.1) (figure 9.1)
10. Open and run Quartus II 14.1
11. Select the "Add an IP license File" option and press OK.

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First Name 	Last Name
Business Email Address	Username
Password 	Confirm Password 
Country/Region 	
Job Function 	

Figure 1.1

Intel® FPGA Program

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Figure 2.1

Products Solutions Support  USA (English)  My Intel  

Quartus II Web Edition Licensing

To get a Quartus® II Web Edition License, please fill in/verify your contact information below.

* Required Field

Personal Information

First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Company*	<input type="text"/>		
Address*	<input type="text"/>		
City*	<input type="text"/>	State/province*	<input type="text"/>
Zip/Postal Code*	<input type="text"/>	Country/Region*	<input type="text"/>
E-mail*	<input type="text"/>	Phone*	<input type="text"/>

Registration Information

Enter your network interface card (NIC) number*	<input type="text"/>
Please indicate how this software will be used. This information is for statistical purposes only.*	<input type="radio"/> Standard: Partially or entirely for commercial/industrial purposes <input type="radio"/> Academic: Only for academic/education/hobby purposes

[Contact Sales](#) ^

Figure 3.1

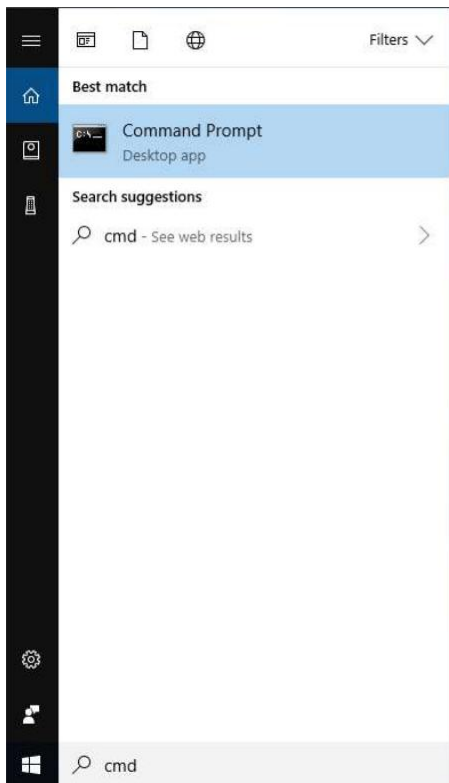


Figure 3.2



Figure 3.4

```

C:\> Select Command Prompt
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #4
Physical Address. . . . . : E8-4E-06-61-CB-C4
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . . . : unlv.edu
Description . . . . . : Realtek RTL8811AU Wireless LAN 802.11ac USB 2.0 Network Adapter
Physical Address. . . . . : E8-4E-06-61-CB-C4
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
IPv6 Address. . . . . : 2620:131:5010:3802:146e:9e35:cb45:4dda(Preferred)
Temporary IPv6 Address. . . . . : 2620:131:5010:3802:e0c5:2d32:9241:384c(Preferred)
Link-local IPv6 Address . . . . . : fe80::146e:9e35:cb45:4dda%14(Preferred)
IPv4 Address. . . . . : 10.82.204.73(Preferred)
Subnet Mask . . . . . : 255.255.0.0
Lease Obtained. . . . . : Saturday, February 16, 2019 1:29:46 PM
Lease Expires . . . . . : Saturday, February 16, 2019 5:32:39 PM
Default Gateway . . . . . : fe80::1%14
                            10.82.204.1
DHCP Server . . . . . : 10.2.11.26
DHCPv6 IAID . . . . . : 149442054
DHCPv6 Client DUID. . . . . : 00-01-00-01-23-E1-61-63-44-37-E6-61-09-B9
DNS Servers . . . . . : 2620:131:5000:3::1
                            2620:131:5000:4::1
                            10.2.11.4
                            10.2.11.12
                            131.216.4.20
                            131.216.4.12

```

Figure 3.5

The screenshot shows the Intel website's download center for FPGAs. At the top, there are navigation links for Products, Solutions, and Support, along with the Intel logo and user options like Sign In. The breadcrumb trail indicates the user is in the Downloads section for Quartus II Web Edition.

The main heading is "Download Center for FPGAs". On the left, there is a sidebar menu with categories: Design Software, Embedded Software, Archives, Licensing, Programming Software, Drivers, Board System Design, Board Layout and Test, and Legacy Software.

The main content area is titled "Quartus II Web Edition". It provides the release date (November, 2013) and the latest release (v18.1). A dropdown menu shows the selected release as 13.1. Below this, there are radio buttons for selecting the operating system (Windows or Linux) and the download method (Akamai DLM3 Download Manager or Direct Download).

A yellow warning box states: "You may be exposed to a vulnerability issue if you have installed or plan to install Quartus Prime/Quartus II software from v11.0 to v18.0 to a location with space(s) in the path. See this KDB solution for more details." Below this, a green checkmark indicates that the selected version (13.1) supports Cyclone III, Cyclone IV, MAX II, and MAX V devices.

At the bottom, there are tabs for "Combined Files", "Individual Files", "DVD Files", "Additional Software", and "Updates". Under "Combined Files", there are links for "Download and install instructions" and "Quick Start Guide". A list of software components is shown with checkboxes, including "Quartus II Web Edition (Free)", "Quartus II Software (includes Nios II EDS)", and "ModelSim-Altera Edition (includes Starter Edition)".

Figure 5.1

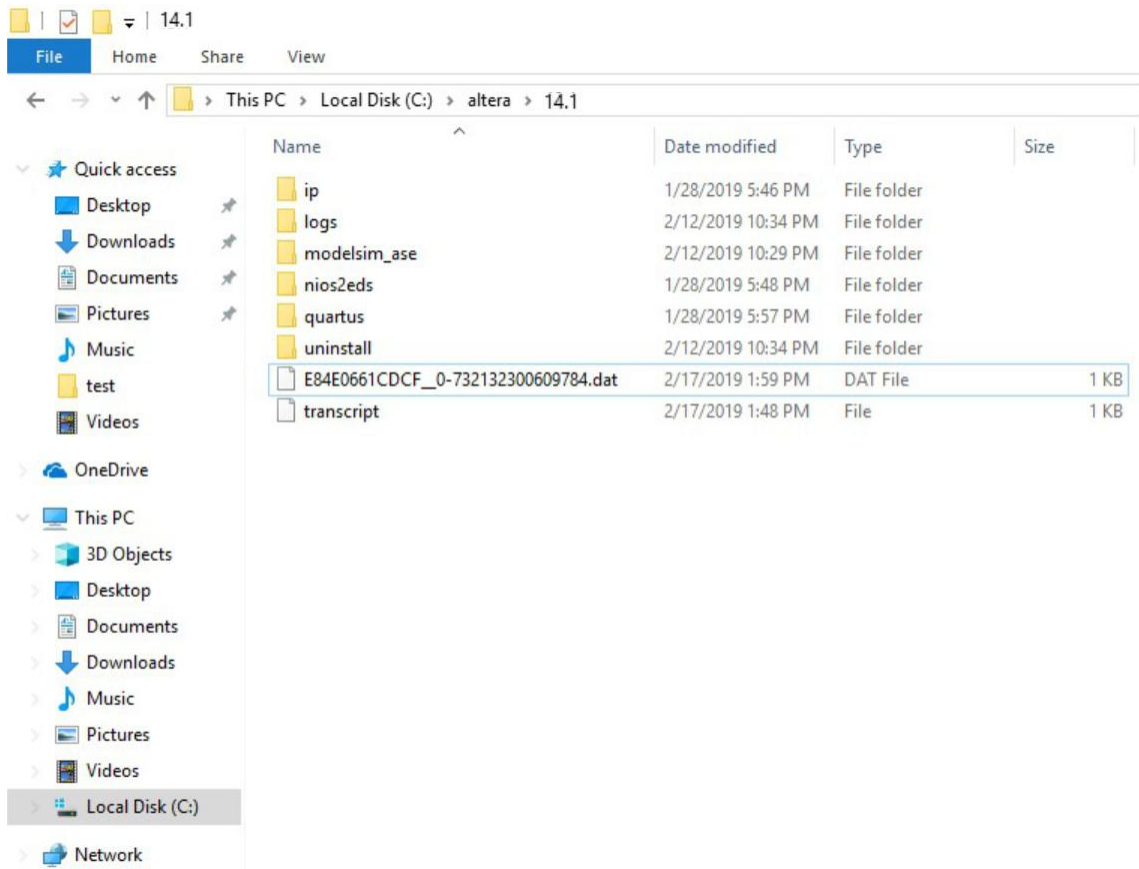


Figure 9.1