

Guia de Instalação da Ferramenta Quartus II Prime Lite

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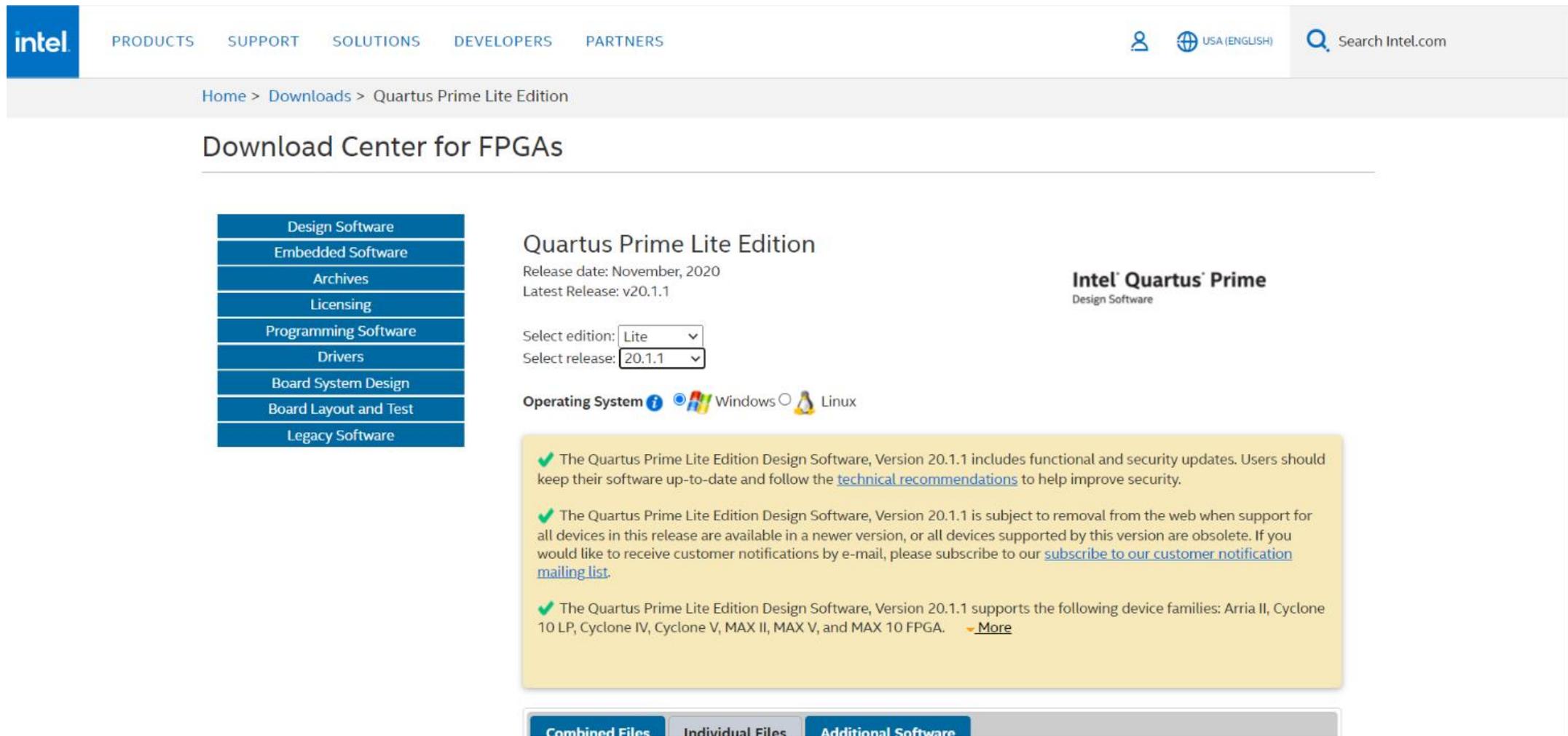
Grupo de Teleinformática e Automação – GTA/UFRJ
Programa de Engenharia Elétrica - PEE/COPPE/UFRJ
Universidade Federal do Rio de Janeiro

Guia de Instalação

- 1) Verificar a disponibilidade em seu HD, pois os programas instalados ocupam cerca de 15Gb

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- 2) Acessar o link: <https://fpgasoftware.intel.com/?edition=lite>

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The screenshot shows the Intel website's download center for the Quartus Prime Lite Edition. The page includes a navigation menu with 'PRODUCTS', 'SUPPORT', 'SOLUTIONS', 'DEVELOPERS', and 'PARTNERS'. A search bar is located in the top right corner. The main content area is titled 'Download Center for FPGAs' and features a sidebar with categories like 'Design Software', 'Embedded Software', 'Archives', 'Licensing', 'Programming Software', 'Drivers', 'Board System Design', 'Board Layout and Test', and 'Legacy Software'. The main section is for 'Quartus Prime Lite Edition', showing the release date (November, 2020) and the latest release (v20.1.1). There are dropdown menus for selecting the edition (Lite) and the release (20.1.1). Below these are radio buttons for the operating system, with Windows selected. A yellow information box contains three bullet points: 1) The software includes functional and security updates, and users should follow technical recommendations. 2) The software is subject to removal if support for all devices is no longer available or if devices are obsolete, and users can subscribe to a mailing list for notifications. 3) The software supports device families: Arria II, Cyclone 10 LP, Cyclone IV, Cyclone V, MAX II, MAX V, and MAX 10 FPGA. At the bottom, there are tabs for 'Combined Files', 'Individual Files', and 'Additional Software'.

intel PRODUCTS SUPPORT SOLUTIONS DEVELOPERS PARTNERS USA (ENGLISH) Search Intel.com

Home > Downloads > Quartus Prime Lite Edition

Download Center for FPGAs

- Design Software
- Embedded Software
- Archives
- Licensing
- Programming Software
- Drivers
- Board System Design
- Board Layout and Test
- Legacy Software

Quartus Prime Lite Edition

Release date: November, 2020
Latest Release: v20.1.1

Select edition: Lite
Select release: 20.1.1

Operating System Windows Linux

- ✓ The Quartus Prime Lite Edition Design Software, Version 20.1.1 includes functional and security updates. Users should keep their software up-to-date and follow the [technical recommendations](#) to help improve security.
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Combined Files Individual Files Additional Software

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Selecione a versão 20.1

Intel® Quartus® Prime
Design Software

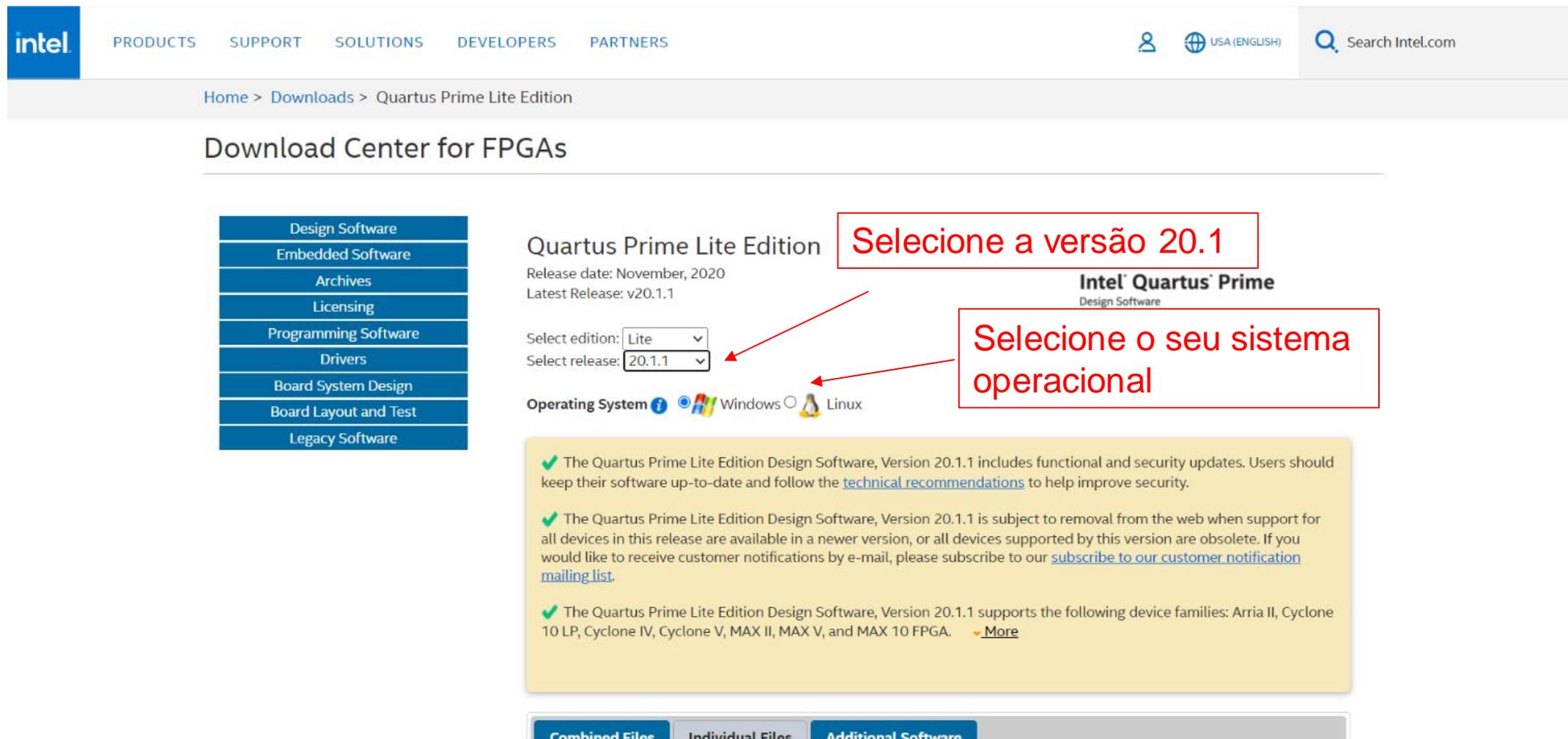
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Selecione o seu sistema operacional

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Combined Files Individual Files Additional Software

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- 3) Baixe os seguintes arquivos (**Necessário registrar-se primeiro para baixar**)
 - (1) Quartus Prime
 - (2) ModelSim-Intel FPGA Edition (includes Starter Edition)
 - (3) Cyclone IV device support

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Download and install instructions: [More](#)

[Read Intel FPGA Software v20.1.1 Installation FAQ](#)

[Quick Start Guide](#)

Quartus Prime Lite Edition (Free)

Quartus Prime (includes Nios II EDS)
Size: 1.6 GB MD5: 5F6CFEBDB7B3CB35E033D2A9F5D59AC4
** Nios II EDS on Windows requires Ubuntu 18.04 LTS on Windows Subsystem for Linux (WSL), which requires a manual installation.
** Nios II EDS requires you to install an Eclipse IDE manually.

ModelSim-Intel FPGA Edition (includes Starter Edition)
Size: 1.2 GB MD5: 65024AF2CE888426125246A4BC7720CD

Devices
You must install device support for at least one device family to use the Quartus Prime software.

Arria II device support
Size: 499.1 MB MD5: 4561D23010DD1FD359FE12348B102AC6

Cyclone IV device support
Size: 466.0 MB MD5: E6527CBC876426C4ECD8737D8B68369C

Cyclone 10 LP device support
Size: 265.7 MB MD5: D47100035A5A97F44048DF19218B09E4

Cyclone V device support
Size: 1.3 GB MD5: 78D59D548756F81E67B9D7CD2149E2B8

MAX II, MAX V device support
Size: 11.4 MB MD5: 9E8B802C6B4768933362A0E6398B7E2E

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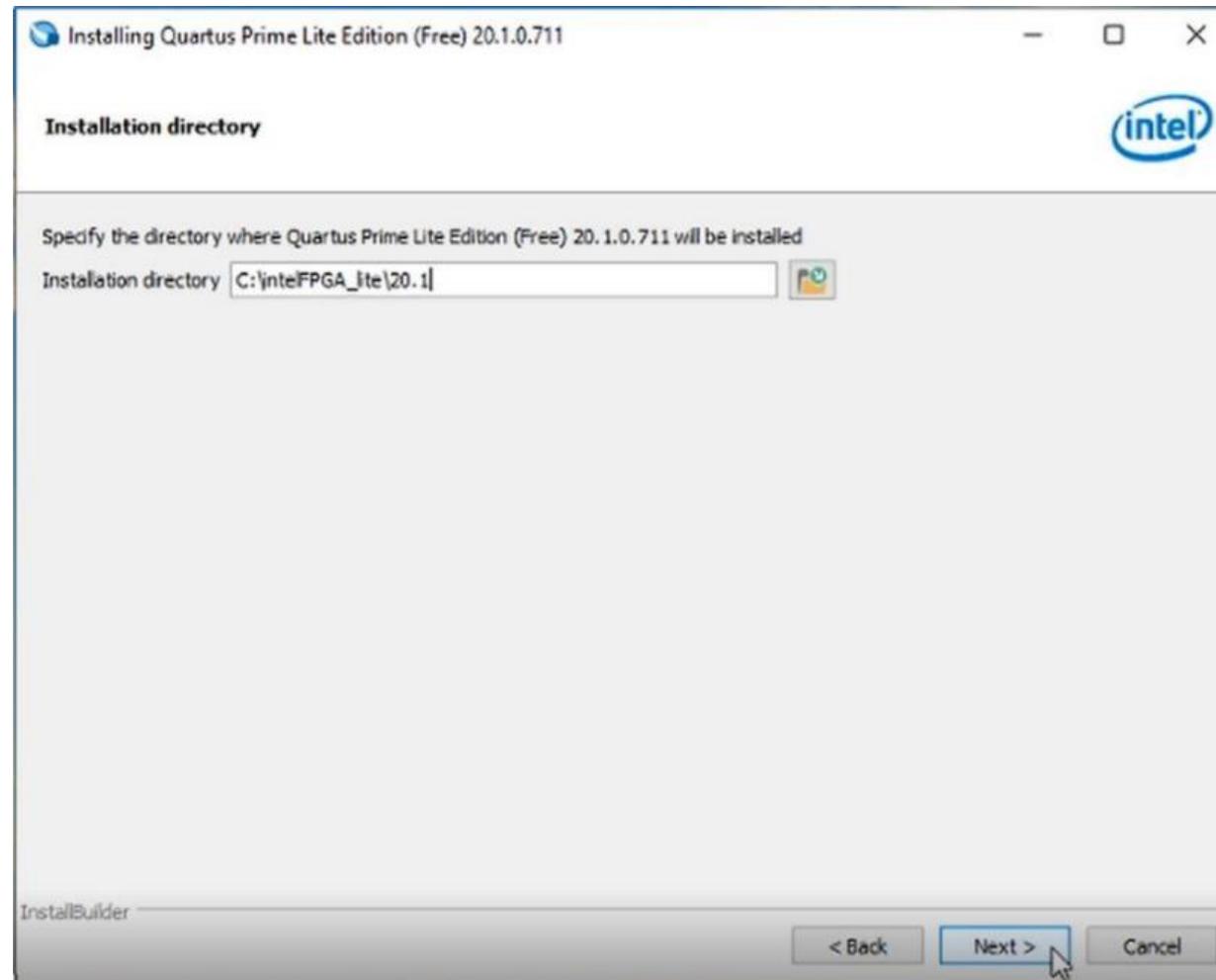
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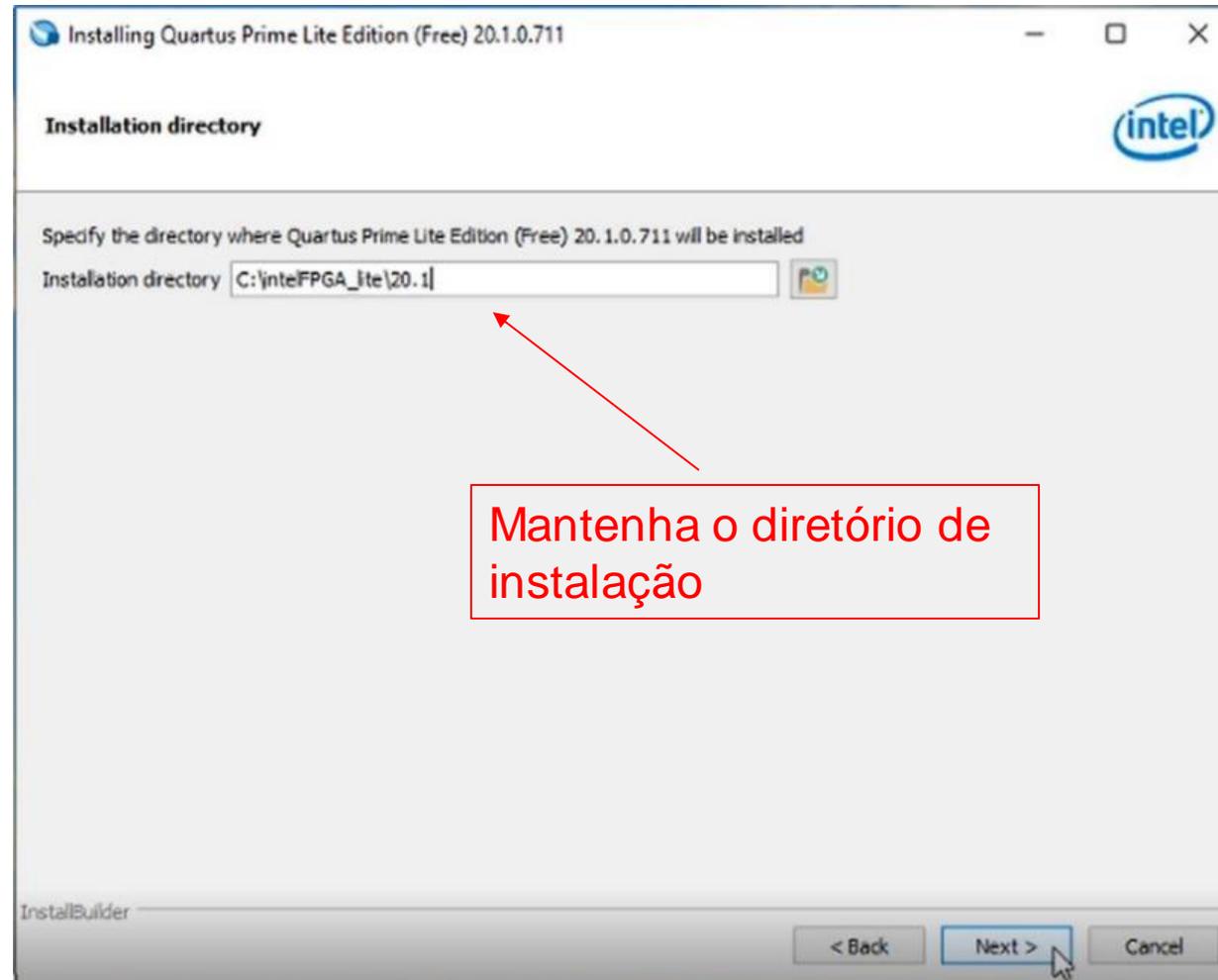
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- 4) Criar uma pasta e copiar os arquivos baixadas para dentro
- 5) Execute o arquivo QuartusLiteSetup-20.1.0.711-windows.exe (**instalador do Quartus Prime Lite**)

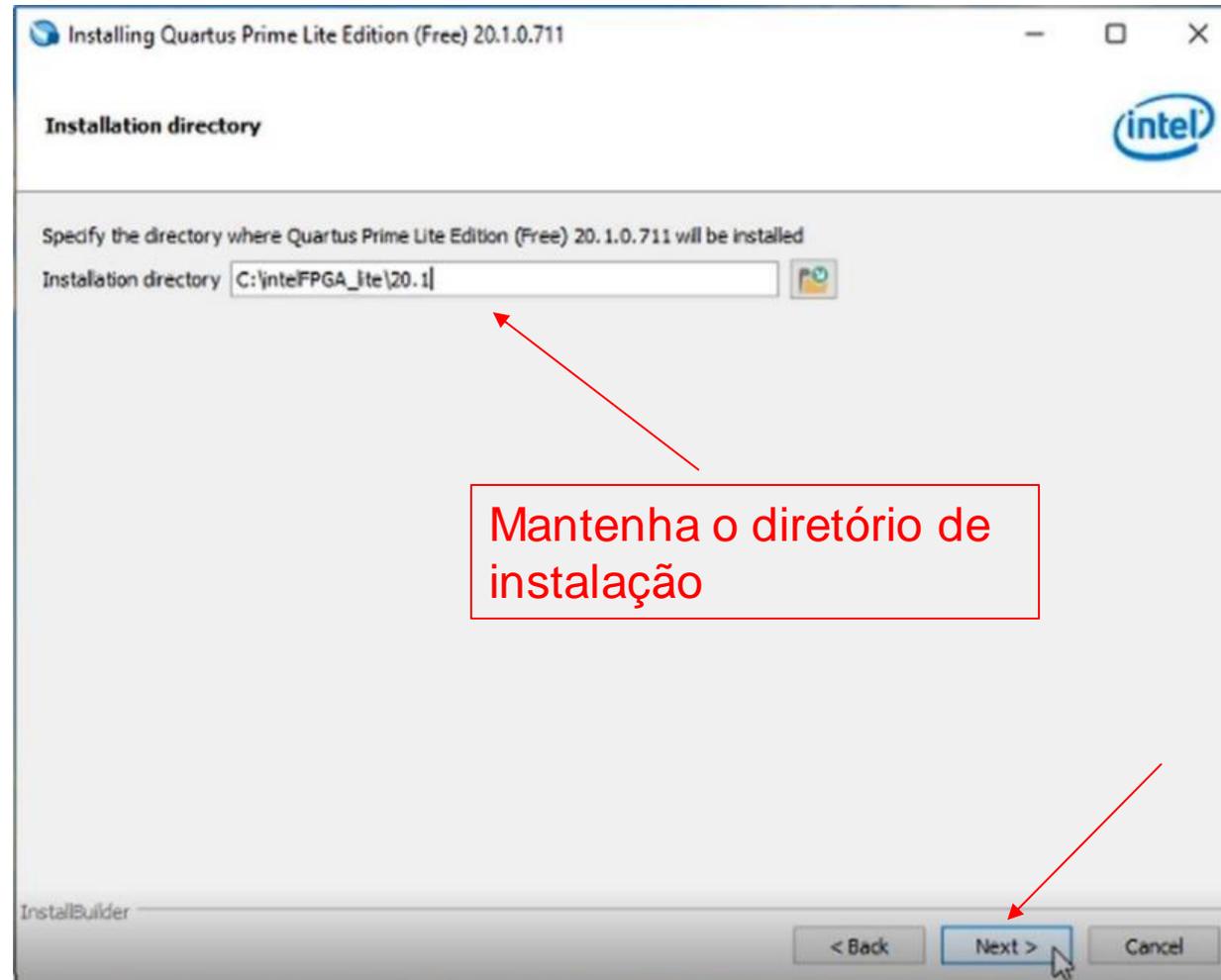
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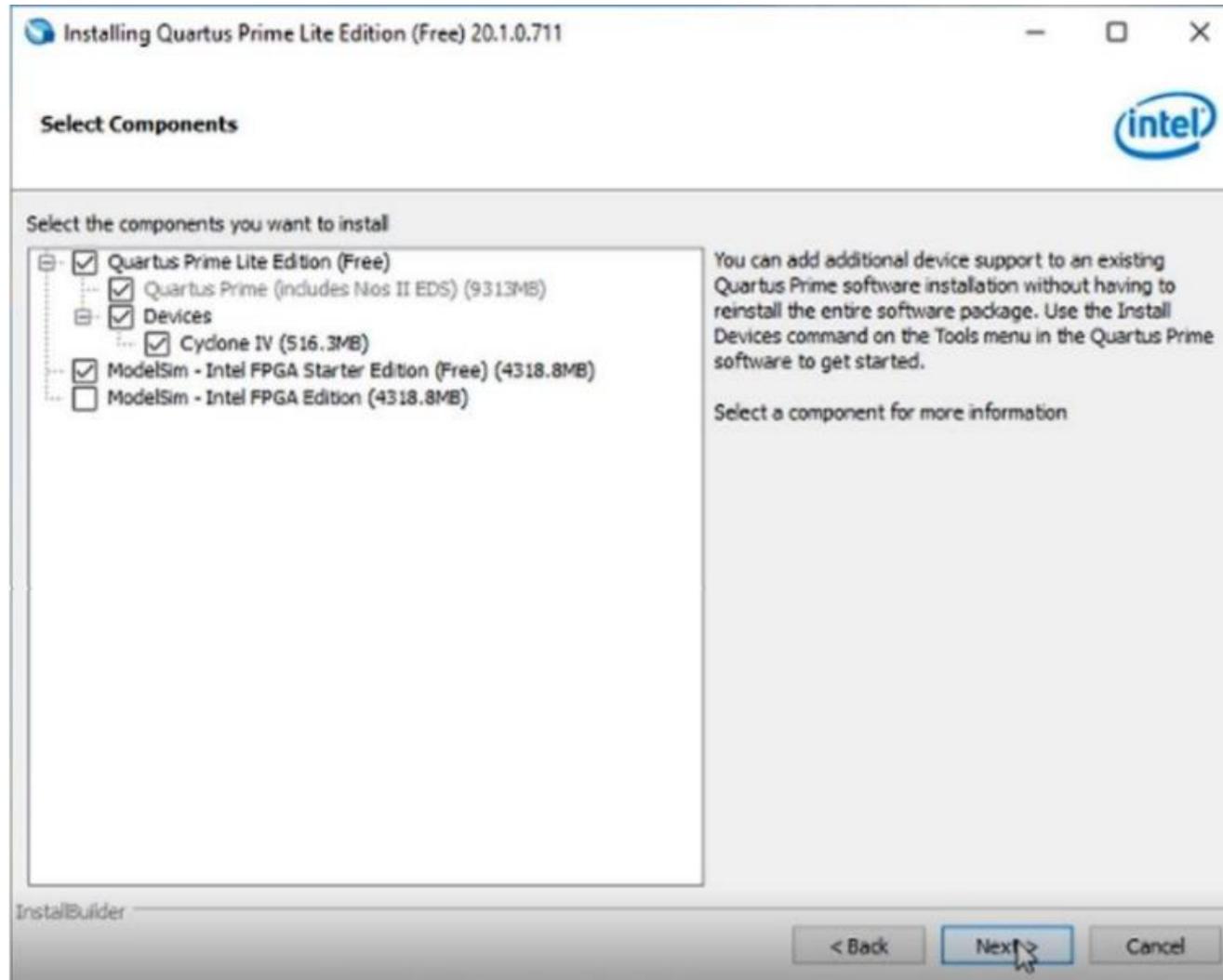
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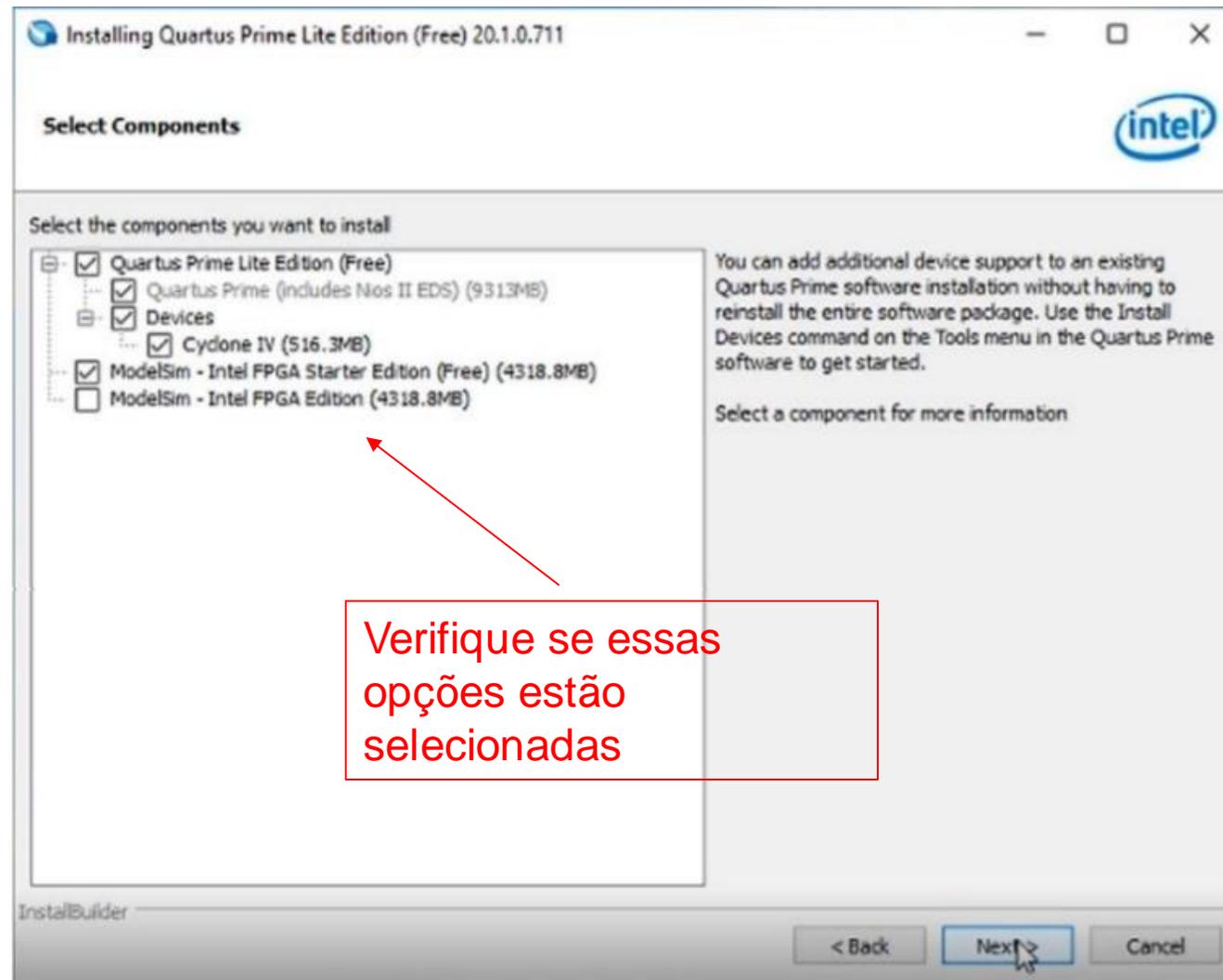
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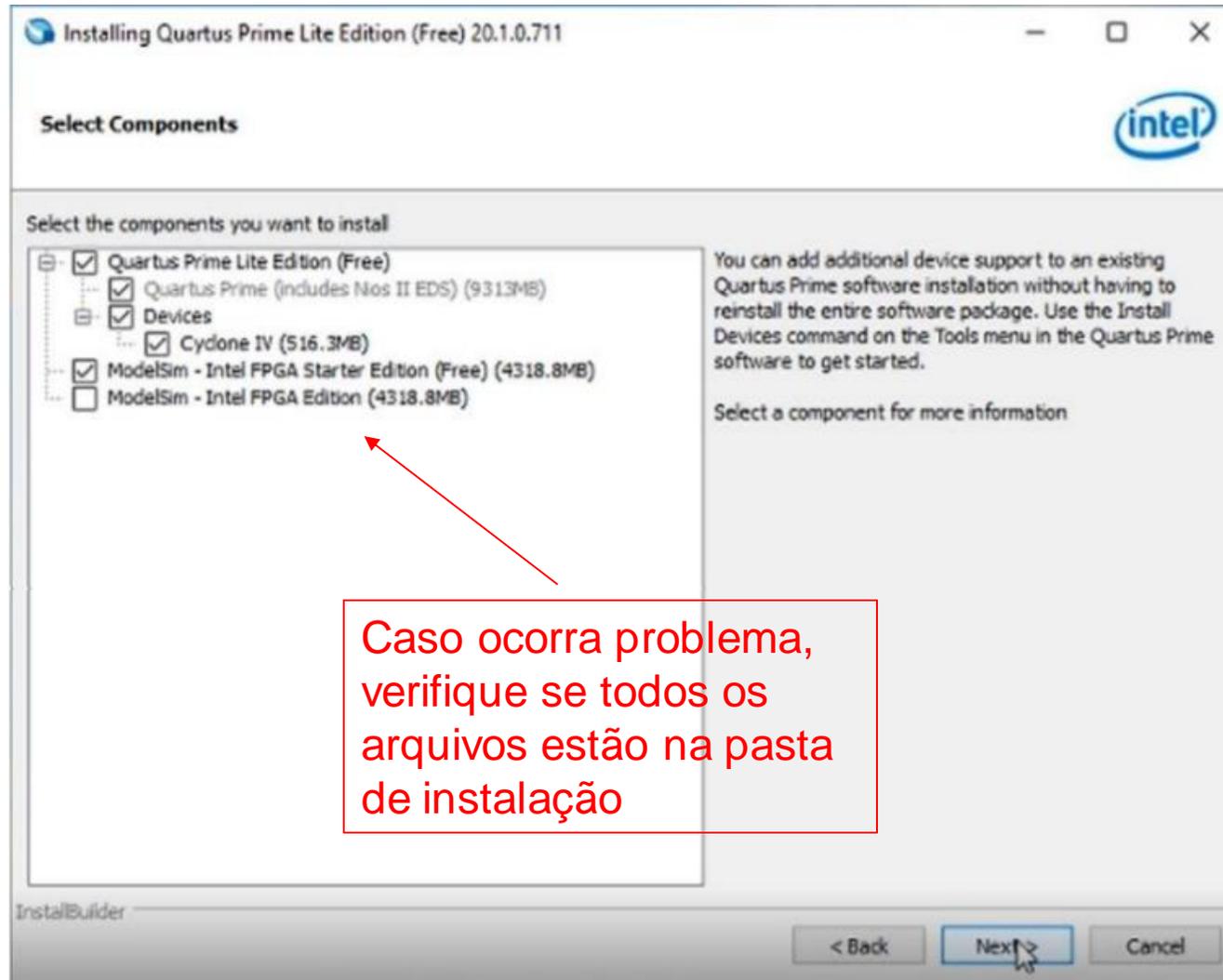


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Verifique se essas opções estão selecionadas

Guia de Instalação



Caso ocorra problema,
verifique se todos os
arquivos estão na pasta
de instalação

Guia de Instalação

- Início de instalação.