Ansys HFSS Getting Started



[•] Universidad de Granada

Departamento de Electrónica y Tecnología de Computadores

Introducción Capacidades Simulador

Release 2020 R2

Simulación Electromagnética con ANSYS para el diseño electrónico 1ª Edición

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Descarga de HFSS Versión Estudiante

Ansys Electronics Desktop Student – Free Software Download

https://www.ansys.com/academic/students/ansys-electronics-desktop-student

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Ansys Icepak is a computational fluid dynamics (CFD) solver for electronics management.

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DOWNLOAD ANSYS ELECTRONICS DESKTOP STUDENT 2022 R2 >

(Built-in license valid until 07/31/23)



Requisitos para Instalación de HFSS Versión Estudiante

Supported Platforms and Operating Systems:

•Microsoft Windows 10, **64-bit** (Professional, Enterprise and Education), supported builds: LTSB and CBB (CB not supported)

Minimum Hardware Requirements:

- CPU: Pentium[®] 4 2.0 GHZ or Athlon[®] 2000+ or faster, 64-bit (x64) processor
- 8 GB RAM
- 17 GB hard drive space
- Graphics card and driver: Professional workstation class 3-D
- OpenGL-capable





Instalación de HFSS Versión Estudiante

Before Installing:

Ensure that your computer meets the technical requirements necessary to run the software.
Ensure that you have administrative privileges for the computer on which you are installing this product.
Please visit our <u>Ansys Learning Forum</u> for additional assistance.

To perform the Ansys Electronics Desktop Student installation, follow the steps below.

Save all data and close all Windows applications before continuing.
After downloading the installation zip file, uncompress the file to a new temporary directory.

3.In the temporary directory, locate and right click the **setup.exe** file and select **Run as administrator**.

Click **Next** on the installation window. The license agreement appears.

4.Read the agreement, and if you agree to the terms and conditions, select **Yes**.

The directory where you want to install Ansys products is shown in the **Install Directory** field.

You can install the products into any directory for which you have write permissions. The default

is **C:\Program Files\AnsysEM**. Click the **Next** to continue. Click **Next** on the review settings window showing directory and disc space information.

5.The installation progress screen displays a **<u>status bar</u>** toward the bottom of the installation window. You will not be able to interrupt the installation process.

The installation program will check your system for the necessary prerequisites (described above). The prerequisites will be installed automatically if not already available.



Limitaciones en HFSS Versión Estudiante

•Mesh element count limit:

- HFSS, Maxwell, Q3D Extractor:
 - o 3D volume: 64,000 elements
 - o 3D surface: 8,000 elements
 - 2D: 2,000 triangles
- Icepak: 512K elements
- HFSS: SBR+, hybrid and mesh assembly solves not supported
- No geometry export
- Geometry Import for DXF and STEP formats only
- Integration with Ansys Workbench not supported
- Beta features not supported
- Local solve only (remote configuration not supported)
- Academic terms of use

Para evitar Limitaciones en HFSS Versión Completa - Descárgala!

https://downloadly.ir/software/engineering-specialized/ansys-electronics/



HFSS User Interface

Más contenidos en el Curso