

Bentley Education OpenBuildings Designer download instructions for Lab Computers at DEC Schools

Note: The instructions are categorized into two parts.

a) How to register and update my profile on the Bentley Education portal to access software downloads?

https://communities.bentley.com/communities/other_communities/bentley-students-community-best-community/w/best-community-wiki/63547/how-do-i-register-on-bentley-education-portaland-access-software-downloads

b) For registered users "How do I update my profile On Bentley Education Portal to access software downloads?

https://communities.bentley.com/communities/other_communities/bentley-students-communitybest-community/w/best-community-wiki/71021/how-do-i-update-my-profile-on-bentley-educationportal

Once you reach Software page you may directly look for OpenBuildings Designer software or choose the Product line as Building Design at the top.

Click on download below OpenBuildings Designer and you will land on following page.

OpenBuildings Designer OpenBuildings Designer is multidisciplinary Building information Modeling (BM) software for building teams including tools for architectural, structural, and electrical systems design, energy analysis, construction documentation, and visualization of any type and scale of building. The following teams including tools for architectural, structural, and electrical systems design, energy analysis, construction documentation, and visualization of any type and scale of building. The following teams including tools for architectural, structural, structural, and electrical systems design, energy analysis, construction documentation, and visualization of any type and scale of building. The following teams including tools for architectural, structural, structural, building teams included: OpenBuildings Generative Components (GC). OpenBuildings Station Designer. Bentley Descartes, and the following teams included: OpenBuildings Station Designer. Marchitectural is tool tool. 1511 © toglish © t								
Major Version Version Language Architecture Deliverable Type Get Get Software CONVECT Edition 10.10.21.151 English x 64 Installer Apply Get OpenBuildings Designer CONNECT Edition x64 (SES) Update 10 (English) Image: Software Image: Software Image: Software Version:10.10.1.151 Date:05/08/2023 Size: 5 M8 System Requirements Support Status		OpenBuildings Designer OpenBuildings Designer is multic mechanical and electrical system following companion features ar Bentley LumenRT.	lisciplinary Building Inform s design, energy analysis, e included: OpenBuildings	nation Modeling (BIM) software f construction documentation, an GenerativeComponents (GC). Oj	or building teams including d visualization of any type a benBuildings Station Design	g tools for architect and scale of buildin ner, Bentley Descar	ural, structural. g. The tes, and	Related Software
CONNECT Edition	Major Version	Version	Language	Architecture	Deliverable Type			OpenPlant Modeler
OpenBuildings Designer CONNECT Edition x64 (SES) Update 10 (English) Version:10.10.01.151 Date:05/08/2023 Size:5 MB System Requirements Support Status	CONNECT Edition	▼ 10.10.01.151 ▼	English	• x64 •	Installer	• Apply	Clear	Get Software
	OpenBui Version:10	Idings Designer CONNECT Edit	tion x64 (SES) Update Size:5 MB	10 (English) 🛈 System Requirements	Support Status	E	Download	

Please make sure you select Major version as CONNECT Edition and version as 10.10.01.151 and hit Apply button.



, once the setup file is downloaded right click on the software and

select run as administrator.

Now click on

During installation follow the onscreen instructions to install the software.



During installation, please make you need to include.

- Connection Client,
- Generative Components,
- LumenRT (Designer),
- The ISO19650 dataset (for the UK)

For standard PC the default locations for installations are:

- C:\Program Files\Bentley\OpenBuildings CONNECT Edition\OpenBuildingsDesigner
- C:\ProgramData\Bentley\OpenBuildings CONNECT Edition\Configuration
- C:\Users\Yourname\AppData\Local\Bentley\OpenBuildingsDesigner\10.0.0

Once installation finishes, please refer to another document to configure the work sets and datasets.

If you have any questions regarding software installations, we encourage you to check out our frequently asked questions on Bentley Education Portal. If you are not able to find answers there, you can always create a ticket through our Contact Us form on our website. We hope this information is helpful. We look forward to seeing you in the classroom!

Systems requirements: Bentley minimum machine spec (Minimum Profile (bentley.com)) is very mean the absolute minimum needed to run OpenBuildings, however it is not a pleasant experience when the machine is just barely coping.

While the budget will be your main driving factor a better spec, I would aim for would be:
Intel / AMD processor with 4 to 8 cores (parallel processing can be useful for speeding up certain tasks). A faster chip overall eg. 2.5Ghz or better makes processing snappier I tend toward the Intel i7 / i8 / i9 with 8 cores

• 16Gb is the absolute minimum I would go with because you may be running Building AND other applications in parallel. If you can afford 32Gb even better. Professionals dealing with larger models often max out their memory, but I don't think the students will need huge amounts of memory

• A Solid-State hard drive (SSD) makes a massive difference in performance. You will need to size the HD depending on how you are networked and where the students store their data. 256GB does not go very far once you install windows, OpenBuildings, its libraries, Office, etc. So, if you need space to place student work a second cheaper drive is an option.

• Video is the biggest thing you need to consider. You can rely on the onboard intel GPU and need to have a dedicated GPU as you are dealing with 3D modeling. As usual, the more memory and up to date, the GPU card is the better the performance.