

Quick Guide for Using the Bambu Lab 3D Printer

1. Before You Start

- Check the workstation and 3D printer both turn on.
- Log in with your HKUST account

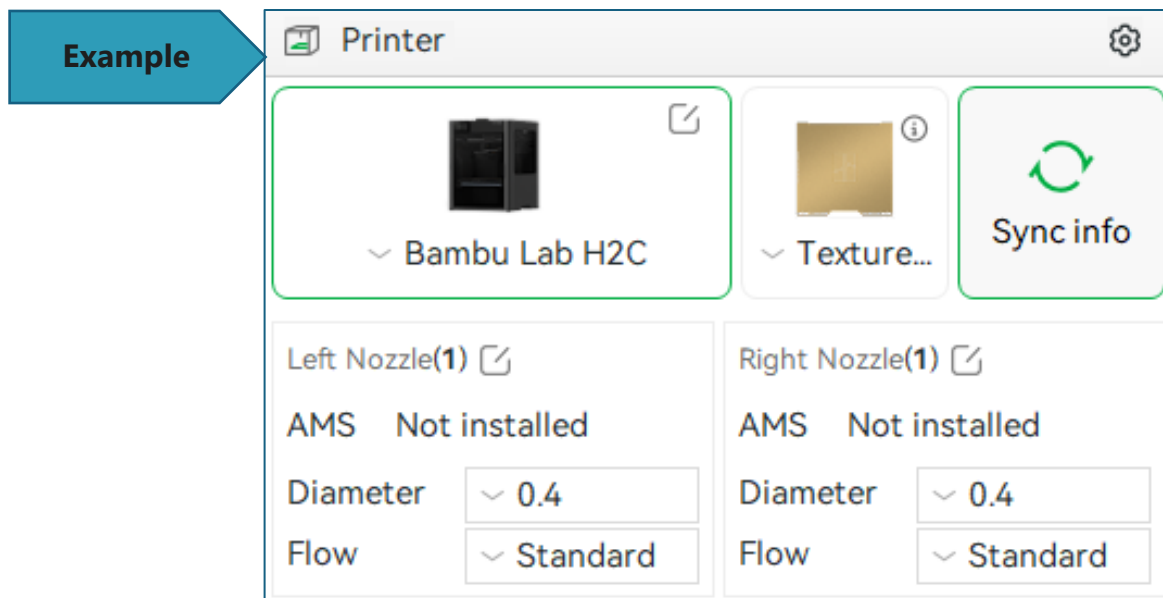


2. Prepare Your 3D Model

- Open Bambu Studio
- Click "File" → "Import" and load your model file (e.g. 3MF / STL)

3. Check the Printer

- Click "Sync info" to match printer settings (if needed)

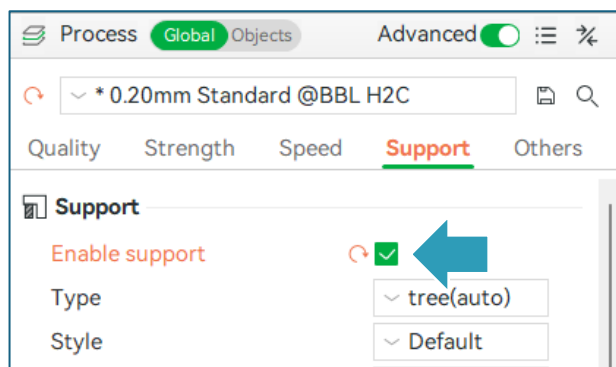


4. Adjust the Model

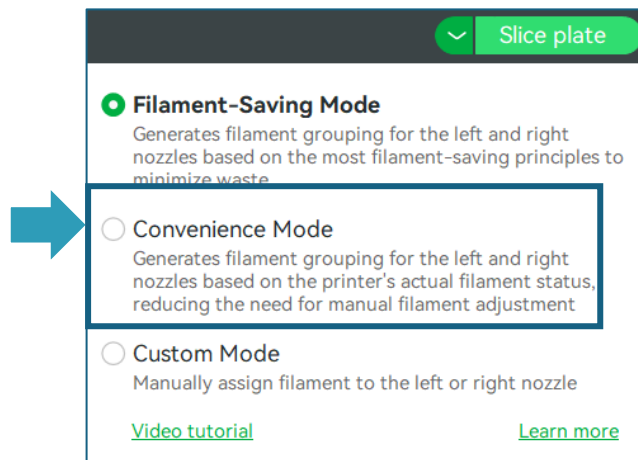
- Use "Scale" to resize the model
- Ensure it fits within the maximum print size

5. Prepare for Printing

- (Optional) Enable Supports for complex models



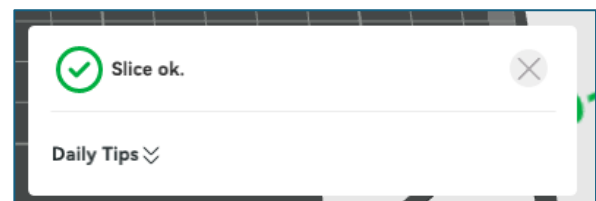
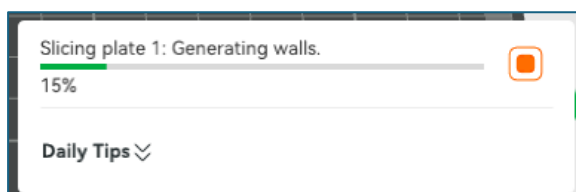
- b. Before clicking the "Slice plate" function, please hover over the "Slice plate" and select **"Convenient Mode"** as suggestion.



- c. Click "Slice plate" to generate the print file



A progress bar will appear. Please wait patiently for it to be completed.



6. Check the estimated printing time

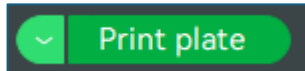
*** Please plan your designs and estimate the printing time carefully to ensure that your print job can be completed within the reserved session(s).*

Example

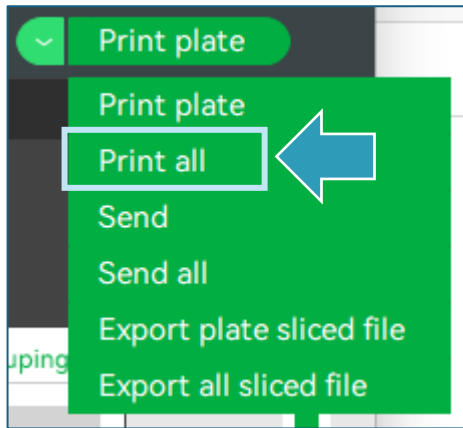
The screenshot shows the 'Slicing Result' section with a 'Color Scheme' dropdown and a 'Summary' tab. The 'Summary' tab displays: 'Total: 74.38 m / 225.41 g', 'Cost: 5.63', and 'Total time: 5h34m'. A blue arrow points to the 'Total time' value. Below this is the 'Filament Grouping' section, which shows a table for 'Left nozzle' and 'Right nozzle'. The 'Right nozzle' section has three columns labeled 1, 2, and 3, each with 'PLA' underneath. To the right of the 'Filament Grouping' section, there is a green box with the number '155' and '31.00' below it. At the bottom, there are 'Tips' and two links: 'Set to Optimal' and 'Regroup filament'.

7. Start Printing

- Click "Print plate" to start the print job



If you have multiple plates, please click "Print All"



- Suggest remaining for 15 minutes after printing begins

8. During Printing

- Monitor the progress in the "Device" tab



- Do not open the printer door while printing**

9. After Printing

- Open the door only after printing is completed
- Remove the build plate carefully after cooling
- Gently remove the printed object from the plate
- Remove the residues from the plate if any

10. Before Leaving

- Sign out of the computer (**DO NOT** shut down devices)
- Use library-provided tools (if any)