Bambu Studio Cheat Sheet

The pages you will want open next to the printer. Every value is from Bambu Studio 2.9.1 and the official presets 02.09.00.81.

Choosing a process preset

You want	Choose
Most prints	0.20mm Standard
A finer surface	0.16mm High Quality or Optimal; 0.12mm for detailed figures
Tiny detail, miniatures	0.08mm Extra Fine or High Quality
A load-bearing part	0.20mm Strength (6 walls instead of 2)
A quick test	0.24mm Draft
The fastest print	0.28mm Extra Draft

The ten steps of every print

1. New project (Ctrl+N).
2. Printer.
3. Plate: the one on your bed.
4. Filament: the one on your spool.
5. Process preset.
6. Add the model (Ctrl+I, drag, or Add Primitive).
7. Check its size and orientation; A to arrange, F to lay on a face.
8. Slice (Ctrl+R).
9. Check the preview: first layer, floating parts, thin walls, supports, top, time, warnings.
10. Print, send or export (Ctrl+G), and save the project (Ctrl+S).

Bed temperatures, Bambu Lab A1

Filament preset	SuperTack	Cool Plate	Engineering	Smooth PEI / High Temp	Textured PEI
Bambu PLA Basic, Matte	45	35	55	65	65
Bambu PETG HF, Basic	70	—	70	70	70
Bambu ABS	—	—	90	100	100
Bambu TPU 95A HF	—	30	30	45	45

Bed temperatures, Bambu Lab P1S and X1 Carbon

Filament preset	SuperTack	Cool Plate	Engineering	Smooth PEI / High Temp	Textured PEI
Bambu PLA Basic, Matte	45	35	55	55	55
Bambu PETG HF, Basic	70	—	70	70	70
Bambu ABS	—	—	90	90	90
Bambu ASA	—	—	100	100	100
Bambu TPU 95A HF	—	30	30	35	35

A dash means the preset holds no temperature for that plate: do not use that plate with that filament. Degrees Celsius.

Nozzle temperatures, first layer / other layers

Filament preset	A1, A1 mini	P1S, X1 Carbon	P2S
Bambu PLA Basic, Matte	220 / 220	220 / 220	220 / 220
Bambu PETG HF	230 / 240	230 / 245	230 / 245
Bambu PETG Basic	245 / 245	245 / 255	245 / 250
Bambu ABS	260 / 270 (A1 only)	260 / 270	260 / 270
Bambu TPU 95A HF	230 / 230	230 / 230	230 / 230
Generic PLA	220 / 220	—	220 / 220
Generic PETG	255 / 255	—	255 / 255

A dash here means Bambu Studio 2.9.1 has no Generic system preset listed for that printer under that name; use the Bambu preset for the same plastic, or your filament maker's own settings.

The settings worth knowing

Tab	Setting	Default (A1, 0.20mm Standard)	Change it when
Quality	Layer height	0.2 mm	You want a finer or faster print (better: change preset)
Quality	Seam position	Aligned	The seam shows on the front: Back
Quality	Elephant foot compensation	0.075 mm	The bottom edge sticks out
Quality	X-Y hole compensation	0	Holes are too tight: +0.1
Strength	Wall loops	2	The part must be stronger: 3 or 4
Strength	Top shell layers	5	The top shows holes: 6 or 7
Strength	Sparse infill density	15%	The part must resist crushing: up to about 40%
Strength	Sparse infill pattern	Grid	Gyroid for all-round strength or translucent parts
Support	Enable support	Off	Something hangs in the air and cannot be turned
Support	Type	tree(auto)	Large flat overhang: normal(auto)
Others	Brim type	Auto	Corners lift: Outer brim only, or Brim Ears
Others	Spiral vase	Off	You want a single-wall vase

Keyboard shortcuts

Action	Windows	Mac
New, Open, Save	Ctrl+N, Ctrl+O, Ctrl+S	Cmd+N, Cmd+O, Cmd+S
Import	Ctrl+I	Cmd+I
Slice plate	Ctrl+R	Cmd+R
Export plate sliced file	Ctrl+G	Cmd+G
Print plate	Ctrl+Shift+G	Cmd+Shift+G
Preferences	Ctrl+P	Cmd+,
Undo, Redo	Ctrl+Z, Ctrl+Y	Cmd+Z, Cmd+Y
Clone selected	Ctrl+K	Cmd+K
Arrange, Auto orient	A, Shift+R	A, Shift+R
Move, Rotate, Scale	M, R, S	M, R, S
Lay on face, Cut, Text	F, C, T	F, C, T
Color painting, Support painting, Seam painting	N, L, P	N, L, P
Fit to screen	Z	Z
Views: top, front, isometric	Ctrl+1, Ctrl+3, Ctrl+7	Cmd+1, Cmd+3, Cmd+7
Filament 1 to 9 for selection	1 to 9	1 to 9
One-layer mode in Preview	L	L
All shortcuts	Shift+Alt+?	Cmd+?

Painting tools: mouse

Tool	Left button	Right button	Shift + left
Supports Painting (L)	Enforce supports	Block supports	Erase
Color Painting (N)	Paint the selected filament		Erase

Ctrl + wheel changes the pen size, Alt + wheel moves the section view (Mac: Cmd and Option).

From The Beginner's Guide to Bambu Studio by Rowan Tregarthen. Bambu Studio 2.9.1, official presets 02.09.00.81. Not affiliated with or endorsed by Bambu Lab.