

Printer: Bambu Lab X2D: Step-by-step build

Concept assembly guide derived from the staged build plan. Not a certified engineering drawing. Prices are estimates (Oct 2026); nothing here is a purchase.

Stage 1

1

Unbox the X2D and remove all transport screws/foam.

Part X1: Bambu Lab X2D 3D printer x1 (~\$899) Buy: [Bambu Lab store](#)

2

Level the printer on a solid table and run the setup calibration.

Part X1: Bambu Lab X2D 3D printer x1 (~\$899) Buy: [Bambu Lab store](#)

3

Install the textured PEI plate.

Part X5: Textured PEI build plate (spare) x1 (~\$35) Buy: [Amazon search](#)

4

Load PETG; print a test bracket.

Part X2: PETG filament 1 kg (brackets, mounts) x1 (~\$20) Buy: [Amazon search](#)

5

Load TPU in the second nozzle; print a gripper finger.

Part X3: TPU filament (gripper fingers, dampers) x1 (~\$30) Buy: [Amazon search](#)

6

Dry and load nylon; print in the heated chamber.

Part X4: Nylon / PA filament (high-strength) x1 (~\$40) Buy: [Amazon search](#)