

Pi Score Cabinet Print Guide v2.1

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[Electronics by Jeremy Williams](#)

[@CworthDynamics on Twitter](#)

[Build video on Adam Savage's Tested](#)

Quantity is 1 unless noted otherwise - Supports not needed unless noted otherwise

FILE	QTY	NOTES
~cabinet ASSEMBLY	----	Demonstrates how cabinet goes together
20mm cube	----	for scale - bring into slicer and confirm 20mm If so, all other parts should be good
base		Slightly higher infill suggested. May be able to print on end with supports for small print beds.
connection pin	6	
dovetail tester		OPTIONAL - tool for testing dovetails - if too tight cleanup is required
front panel TYPE 1		Default face plate
front panel TYPE 1 brace		Brace for gamepad joysticks
front panel TYPE 2		OPTIONAL - use for installing entire faceplate of gamepad
front panel TYPE 2 brace		OPTIONAL
hood logo CUTOOUT		Default hood - usually print this one
hood BLANK		OPTIONAL - oriented for printing on small print beds
hood_DUAL_PRINT		For dual color printing ONLY
hood_DUAL_PRINT_TEXT		Combine with 'hood_DUAL_PRINT'
joystick base		OPTIONAL - use .1mm layer and higher infill
joystick top		OPTIONAL - use .1mm layer and higher infill
screen frame		Print with supports & slightly higher infill

Assembly is simple:

- 1) Front panel first - put on dovetails and push down toward front of base.
- 2) Screen frame - put pegs in front and rear holes. Attach to front panel, then rear legs.
- 3) Hood - insert pins in front. Put down on dovetails and push forward while aligning pins. Small tabs on inside of hood sit on top of screen frame and hold it down.

PARTS

These are the parts we used, the screen frame and front panel are designed for specific parts but the rest is wide open, so use what you want.

[Electronic parts from Adafruit](#)

[8BITDO N30 Pro Gamepad](#)

N30 Pro 2 has NOT been tested - no guarantees it will work

[HDMI Cable](#)

[USB Micro Straight](#)

[USB Micro Right Angle](#)

[32G Micro SD Card](#)

[Adhesive Velcro](#)

For attaching cards - can also use double-sided tape