



Voronoi Mobile Phone Stand V3 (No supports!)



Epiales

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updated 18. 3. 2026 | published 18. 3. 2026

Summary

This is a Voronoi styled stand for your mobile phone that can be printed without supports

[Household](#) > [Office](#)

Tags: [desk](#) [stand](#) [voronoi](#) [phonestand](#) [phone](#) [dock](#)
[cellphone](#) [mobilephone](#) [phoneholder](#) [nosupports](#)

If you're looking for my Bambu print profiles, they're at [MW](#).

Voronoi Mobile Phone Stand V3 (No Supports!)

A lightweight, stylish phone stand built around a **Voronoi lattice pattern** that looks great on a desk and prints easily without supports.

This is **Version 3** of the design, with improved geometry and optional color changes for **AMS printing**.

The Voronoi structure keeps the stand **strong while reducing material usage**, and gives it a distinctive modern look.

Perfect for desks, bedside tables, or anywhere your phone needs a comfortable place to sit.

Features

- **No supports required**
- **Voronoi lattice design** – strong, lightweight, and visually interesting
- **Version 3 improvements** for better stability and cleaner printing
- **AMS color change compatible** for multi-color prints
- Holds most modern smartphones in **portrait or landscape orientation**
- Compact footprint for desks and workspaces

Print Notes

- Prints cleanly at **0.20 mm layer height**
- PLA or PETG both work well
- No supports needed
- AMS users can enable **built-in color changes** for two-tone prints

Why Voronoi?

The Voronoi pattern isn't just decorative.

It provides:

- material efficiency
- good rigidity
- interesting light and shadow effects
- faster prints than solid models

Plus it just looks cool.

Model files

	Latest Version	3 files
	mvps_v3.stl	
	mvps_v3_1_color.3mf	



mvps_v3_2-3_colors.3mf

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