

# Step-by-Step Process for Building DIY Kitchen Island

## Tools & Materials Required

1. IKEA base cabinet frames (3 large, 1 small)
2. Cabinet drawers with hardware (6 sets)
3. Cabinet doors with hardware (6 sets)
4. Drawer hardware packs (2 packs)
5. Two-by-four lumber
6. Wood screws and general hardware
7. Clamps
8. Liquid nails adhesive
9. Cabinet hardware installation jig (like True Precision Tools jig)
10. Power drill
11. Quarter-inch plywood (for back facing)

## Stepwise Process for Building

### 1. Build the Base Frame

- Create a raised platform using two-by-fours
- Position the frame in the final location to avoid floor scratching

### 2. Position the Cabinets

- Place all cabinets on top of the frame
- Use clamps to hold cabinets in position
- Leave a small gap underneath for a floating effect

### 3. Secure the Cabinets

- Check the alignment of all cabinets
- Screw cabinets together using the appropriate hardware
- Make sure everything is level and even

### 4. Install the Countertop

- Apply liquid nail adhesive to cabinet tops
- Place countertop carefully
- Secure with additional hardware

### 5. Add Cabinet Hardware

- Use installation jig for precise hardware placement
- Install drawer pulls and handles
- Check drawer function and alignment

### 6. Finish the Back Panel

- Cut quarter-inch plywood to size
- Install plywood to cover exposed hardware
- Add any decorative elements if desired

## An Approximate Cost Analysis for Building

Item	Unit Price	Quantity	Total Cost
<b>Base Cabinet Frames</b>	\$76	3	\$228
<b>Small Base Cabinet Frame</b>	\$35	1	\$35
<b>Drawer Components (with hardware)</b>	\$70	6	\$420
<b>Drawer Doors</b>	\$70	6	\$420
<b>Hardware Packs for Drawers</b>	\$25 (2 packs)	1	\$50
<b>Basic Construction Materials</b>	-	-	\$30
<b>Total Project Cost</b>	-	-	<b>\$1,200</b>