

Custom Mid-Century Fold-Out Wooden Desk – Build Binder

Overall Dimensions: 60" W x 20" D (30" open) x 40" H

Style: Mid-Century Modern

Material: Walnut / Walnut-Veneered Plywood

1. Design Overview

Left side fold out work surface with piano hinge and locking stays. Fixed right top, integrated drawers replacing cubbies, center monitor bay with future upgrade clearance, upper open display shelf, angled wooden legs, and hidden center support rail for rigidity.

2. Dimension Summary

Overall Width	60 in
Closed Depth	20 in
Open Depth (Leaf)	30 in
Work Height	29 in
Overall Height	40 in
Monitor Opening	≥28 in W × ≥16 in H
Deep Drawer Clearance	Fits 12 × 7.5 × 9.2 in speaker

3. Build Sequence (Condensed)

1. Cut and label all panels.
2. Assemble carcass (sides + back + center rail).
3. Install monitor bay and upper shelf.
4. Build and install drawers.
5. Install fold-out leaf, hinge, and stays.
6. Install legs and level desk.
7. Sand and apply finish.
8. Final assembly and inspection.

4. Finish Schedule

Sand 80 → 120 → 180 → 220 grit. Apply satin clear finish (polyurethane or hardwax oil), 2–3 coats with light scuff sanding between coats. Cure 48–72 hours before use.

5. Final Inspection Checklist

- Leaf opens level and locks securely
- Desk stable with leaf deployed
- Drawers glide smoothly
- No veneer tear■out
- Finish uniform and dust■free