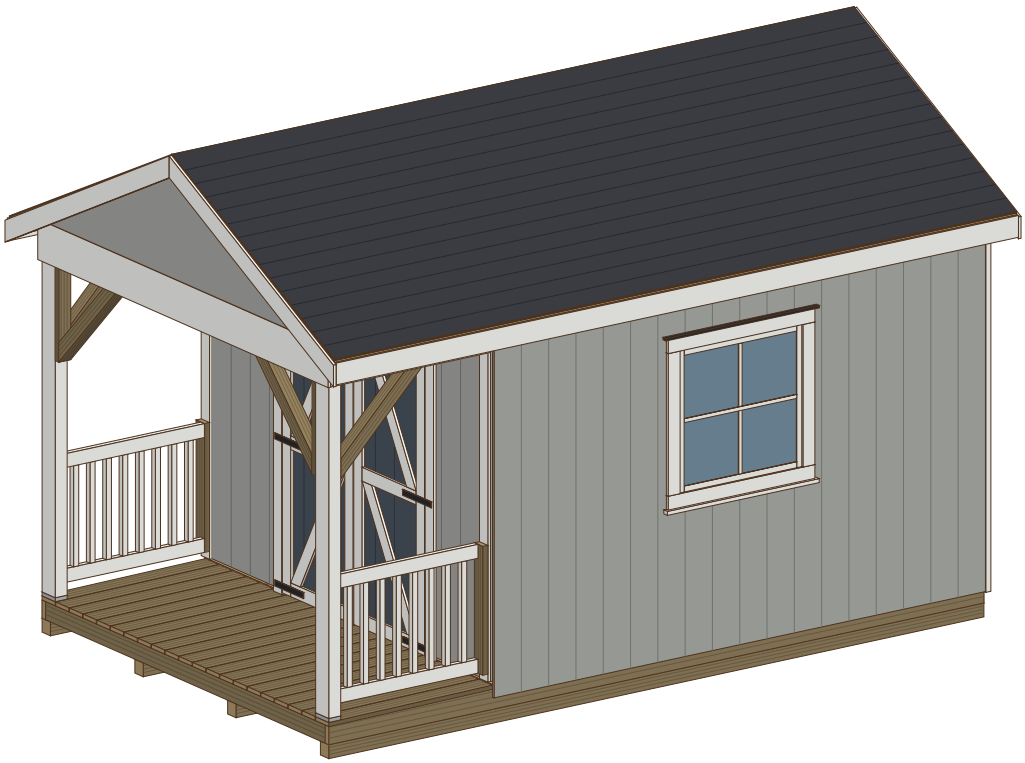
10X16

SHED WITH FRONT PORCH PLAN

FREE STREAMLINED VERSION



Step overview · Framing preview · Finished views

Get the full plan: material list, cut list and every measurement > www.3dshedplans.com/10x16-shed-with-porch-plan/

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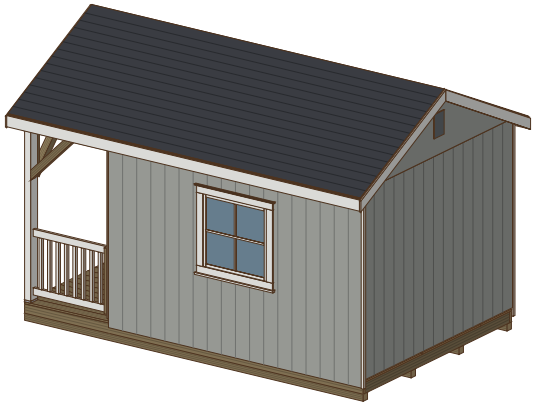
Before you start

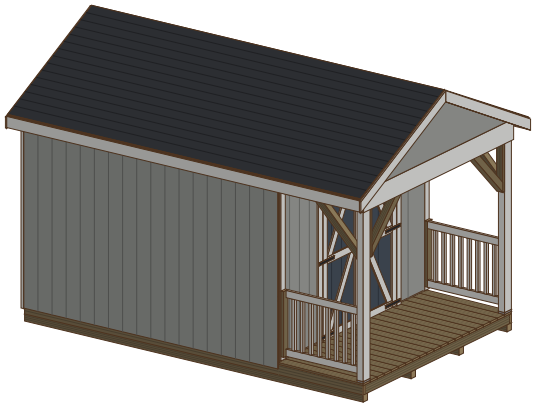
Rules for sheds and porches (size, height, distance to property lines, permits) vary by town and HOA. Check your local permit office before you build, and have buried lines marked before you dig or set the ground anchors.

Safety: wear eye and ear protection, keep blades sharp and guards on, and work from stable ladders with a helper.

This free version walks through the five stages of the 10x16 shed with porch plan with views from the full plan: a storage room with a double door and a side window, and a 4 ft open front porch with notched 4x6 posts and side rails, all under one gable roof on one floor frame on skids. Below: the finished shed from the front and from the back.

Before you buy: about 81 hours of work for 2 people. Skill level: confident beginner: basic cuts, a notch cut with a circular saw and a handsaw, and a helper for the wall lifts, the porch beams and the roof. Rough cost: about $4,700 to $6,500 in materials for the shed and porch at a US home center, plus about $500 to $700 for the gravel pad; an estimate from this plan's shopping list (prices vary by store and region). Tools: common DIY power tools (circular saw, miter saw, reciprocating saw and drill/driver), a 16 ft extension ladder and two step ladders; the full plan lists each one. The building stands about 137 in tall and needs a level patch about 227 x 155 in, dug out for its gravel pad. The porch opening is about 109 in wide between the posts and 84 in high under the front beam.





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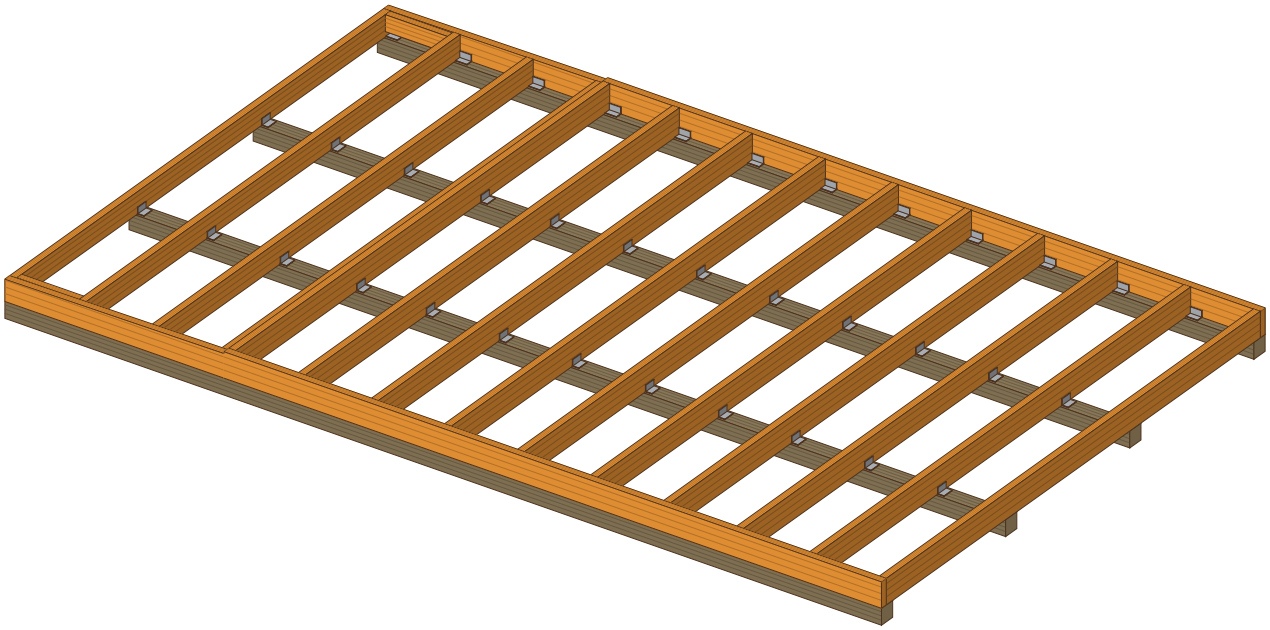
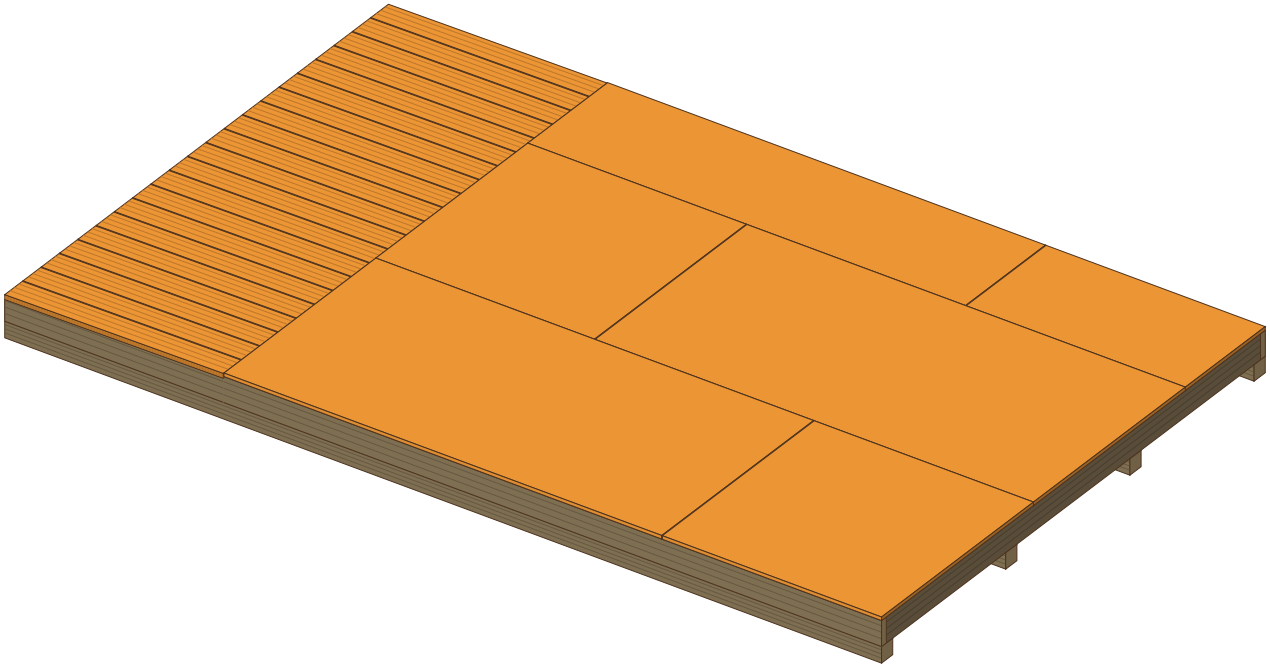
1 SITE, SKIDS, FLOOR AND PORCH DECK

Lay out and square the site, set the pressure-treated 4x4 skids level on a gravel pad and build the floor frame from pressure-treated 2x6s, with a doubled joist under the door wall. Glue and screw plywood over the room part and screw 5/4 deck boards over the porch part.

In the full plan: the skid spacing, the joist marks, the decking map, the deck board spacing and the ground anchors. www.3dshedplans.com/10x16-shed-with-porch-plan/





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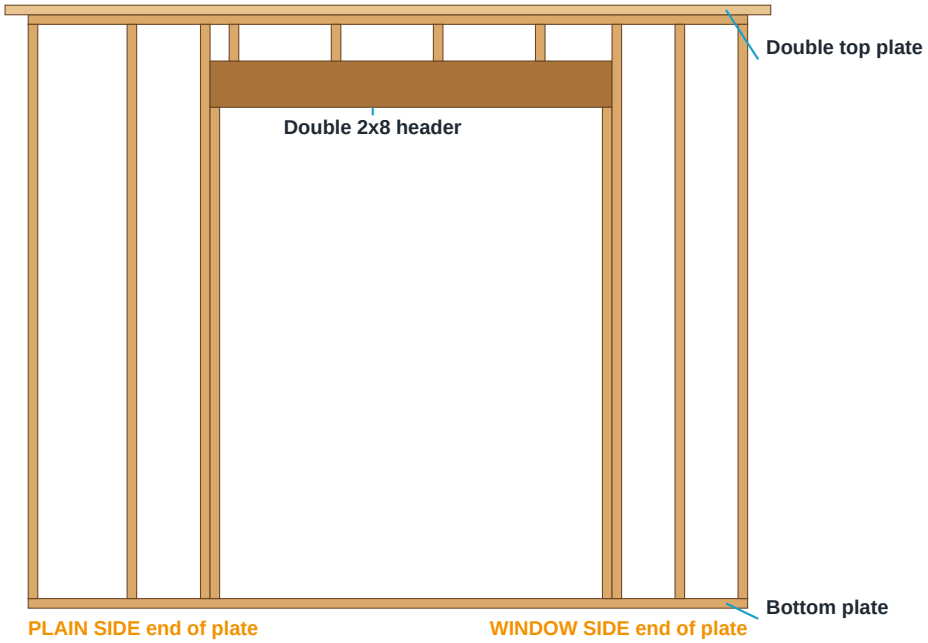
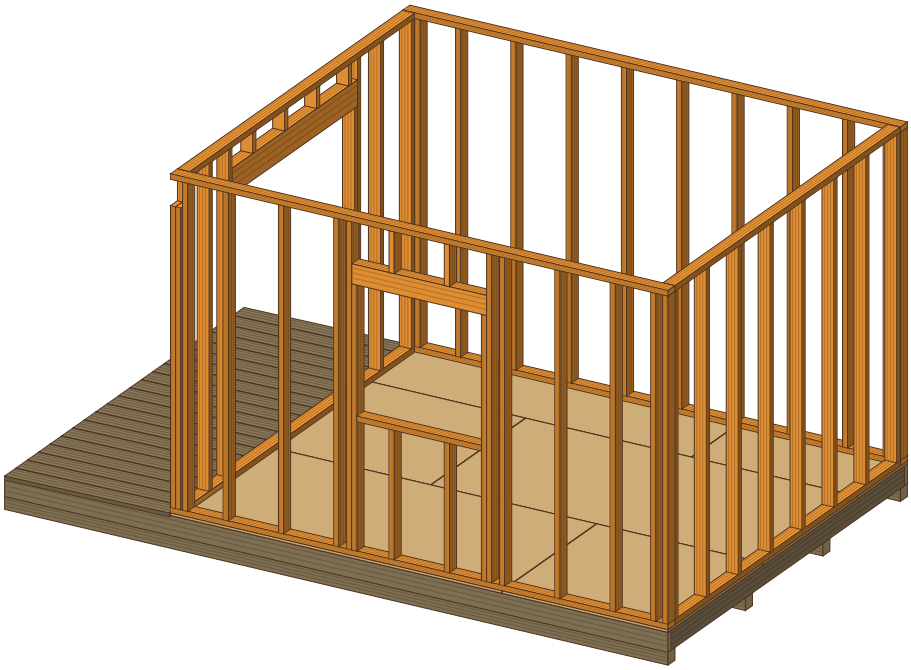
2 WALLS

Frame each room wall flat on the deck from 2x4s, tip it up and brace it. The two side walls end in trimmers at the porch end, ready for the porch beams; the front wall with the door stands at the room's front line.

In the full plan: every wall drawn stud by stud with a position table, the siding sheet layouts and how each wall is raised and braced. www.3dshedplans.com/10x16-shed-with-porch-plan/





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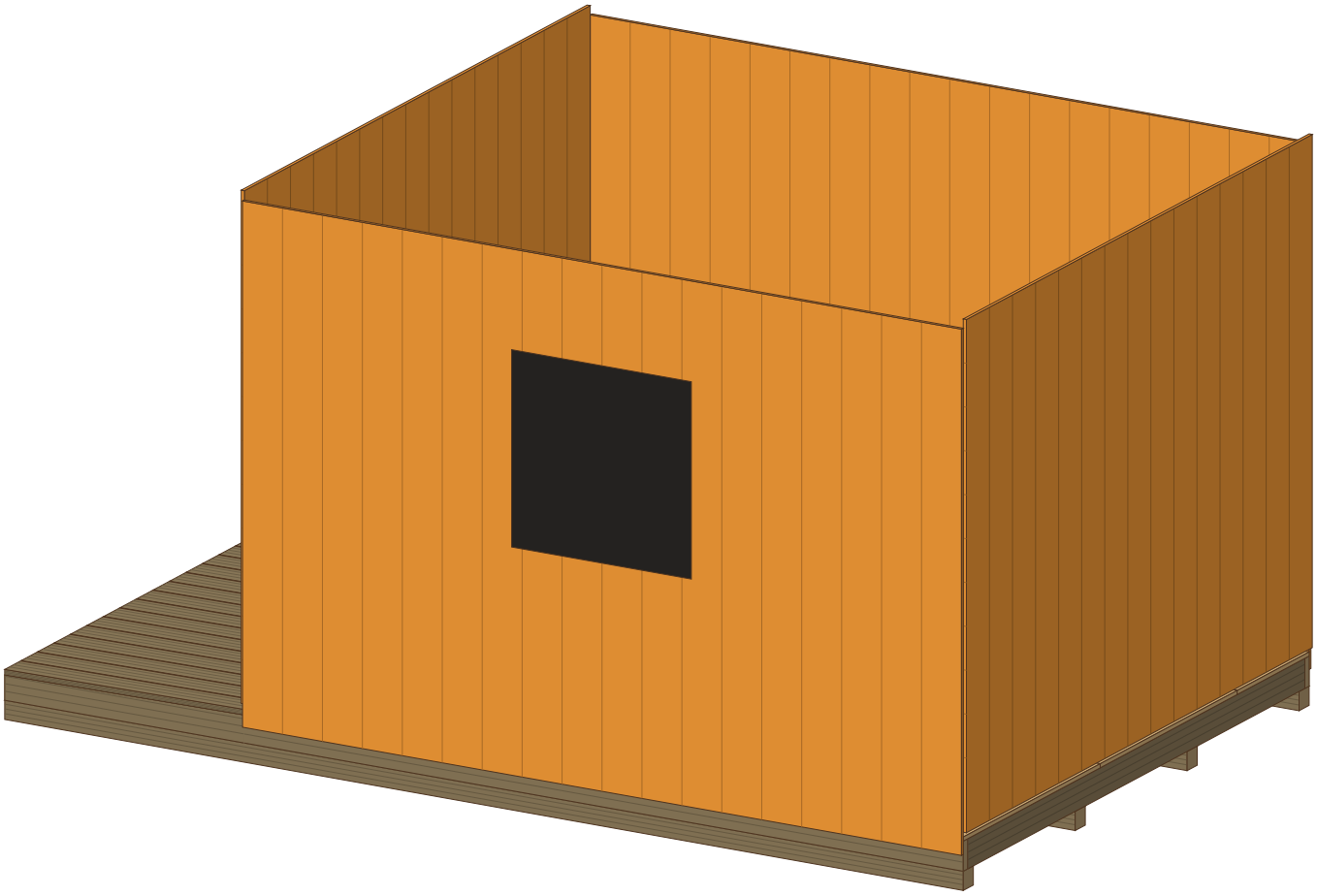
3 PORCH POSTS AND BEAMS

Two pressure-treated 4x6 posts stand in standoff bases on the porch deck, each notched at the top. A doubled 2x8 side beam runs from each wall into its post's notch, bolted through, and the front beam sits on bolted bearing blocks between the posts. Plates on top carry the roof.

In the full plan: the post and notch cuts, the bolt positions, how the beams go up and the temporary bracing until the roof sheathing is on. www.3dshedplans.com/10x16-shed-with-porch-plan/



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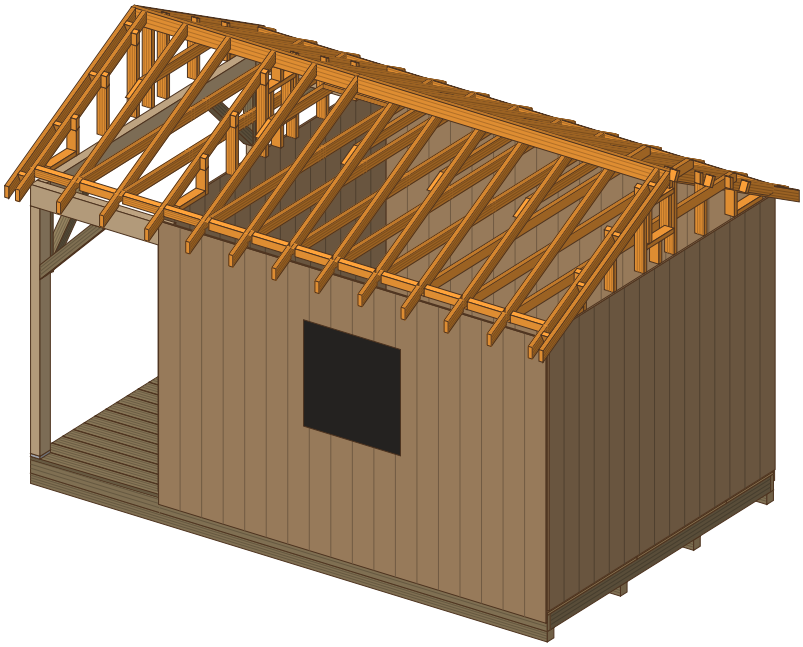
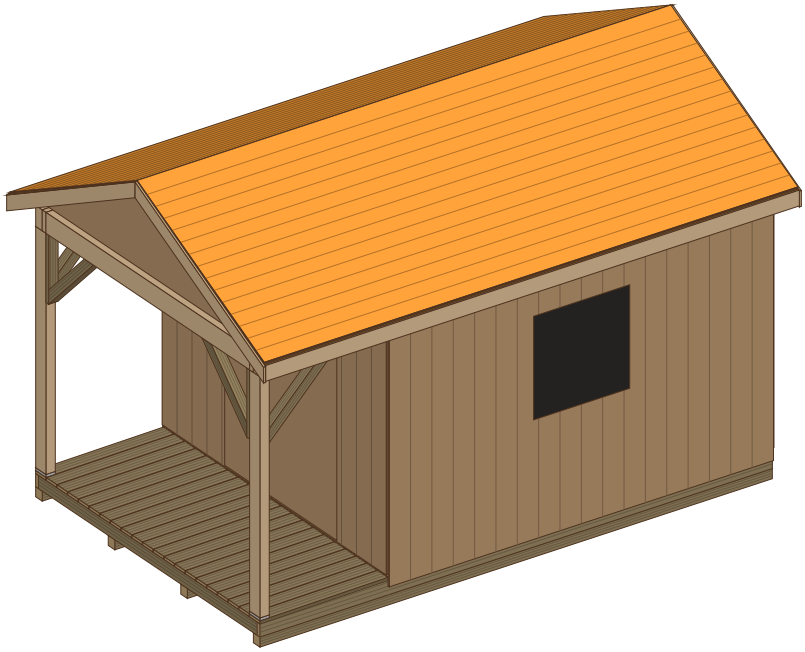
4 ROOF

One roof runs over the room and the porch: a ridge board, rafters with rafter ties, OSB sheathing, the gable siding, fascia and soffit, then drip edge, felt and shingles. The porch gable is closed; the room's gables carry the vents.

In the full plan: the pattern rafter with every cut, the rafter layout, the sheathing map and the roofing order. www.3dshedplans.com/10x16-shed-with-porch-plan/





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5 DOOR, WINDOW, RAILS AND TRIM

Build and hang the double door, set the window, add the side rails and balusters on the porch (the front stays open as the way in), trim the beams and paint the siding and the trim.

In the full plan: the door's cuts, the rail and baluster spacing and the trim cut table.
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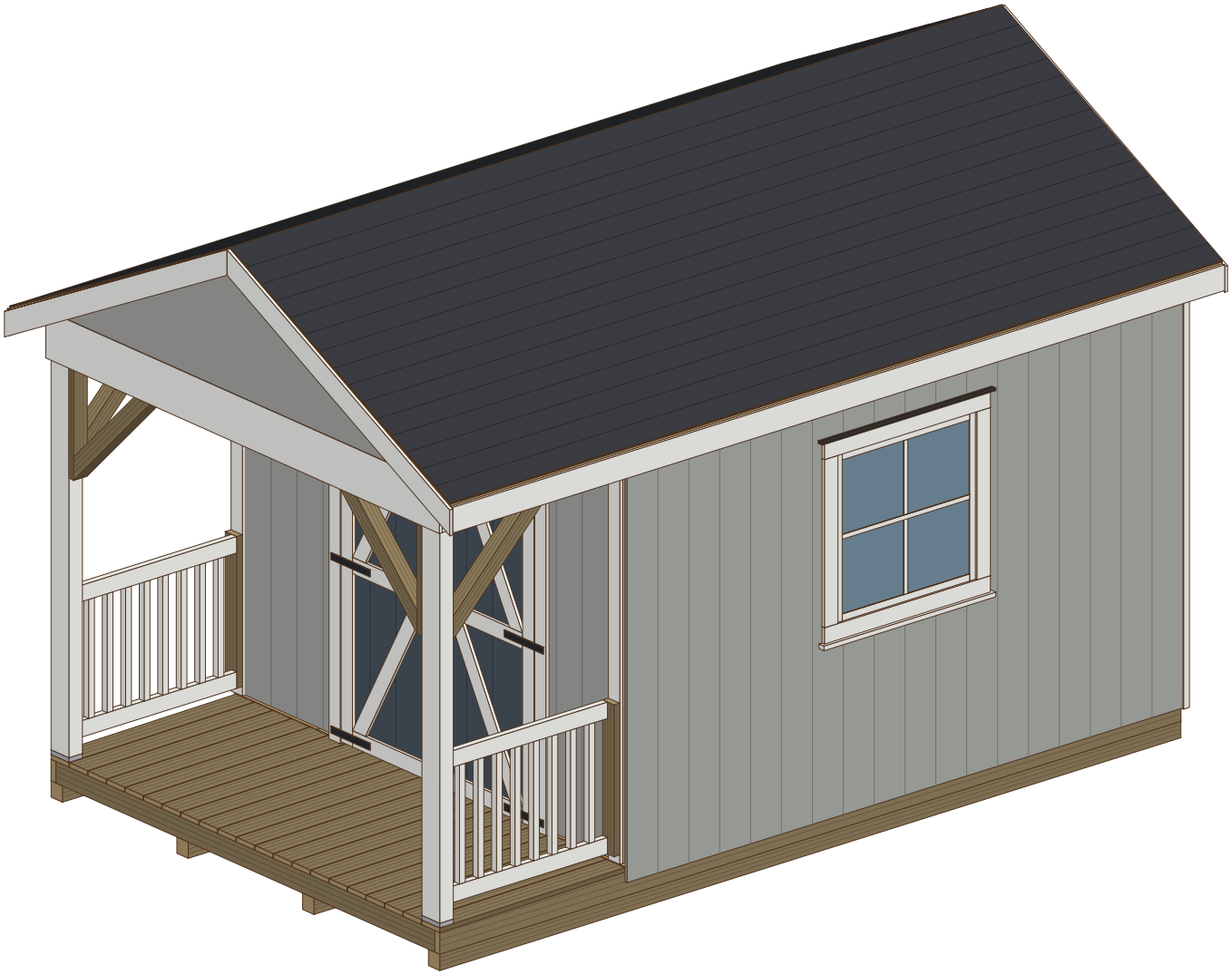

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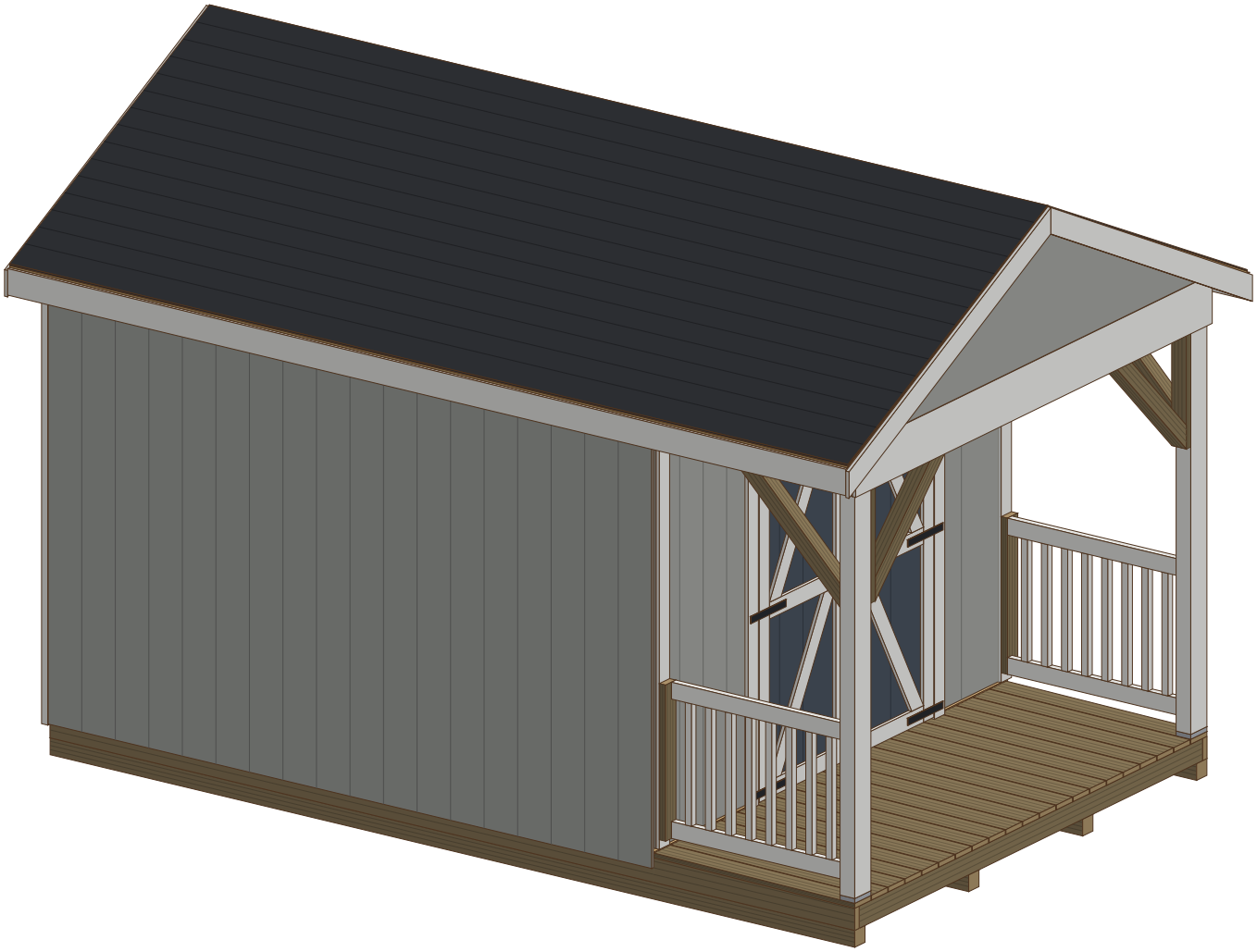
Ready to build?

The full 10x16 shed with porch plan gives you the shopping list, the cut list, every measurement, dimensioned drawings for the floor, walls and rafters, and the porch posts, beams and rails step by step. Instant PDF download for $24.99: www.3dshedplans.com/10x16-shed-with-porch-plan/

	Free	Full plan
Finished views and step overview	Yes	Yes
Material list with quantities	No	Yes
Cut list	No	Yes
Measurements for every cut	No	Yes
Wall framing drawings with openings	Preview	All walls, dimensioned
Porch posts, beams and rails	Overview	Every part, cut and step
Pro tips	No	Yes



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