

16'X20'

GABLE SHED PLAN

FREE STREAMLINED VERSION



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DIFFERENCES BETWEEN OUR FREE & PREMIUM PLANS



VS.



PREMIUM 16'x20' PLAN

- 30+ detailed 3D schematics
- Views from all angles
- Measurements for every part
- Full layouts for every step
- Step-by-step assembly instructions
- Full material / shopping list
- Full cutting list
- PRO-TIPS for every section
- Mobile / Tablet ready
- Designed for newbies and pro's

FREE 16'x20' PLAN

- Basic schematics
- Basic angles
- Basic measurements
- Basic layouts
- Simplified instructions

LEARN MORE ABOUT OUR PREMIUM 16'X20' SHED PLAN

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LIABILITY

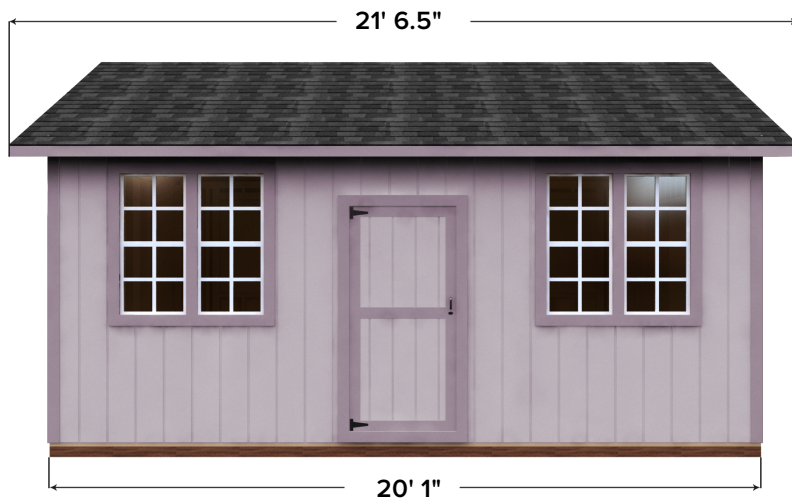
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1 BASIC OVERVIEW AND DIMENSIONS

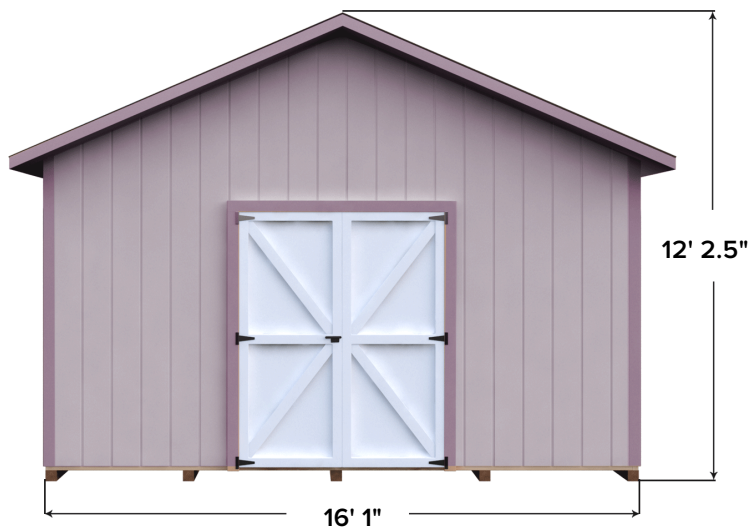
This 16 x 20 shed is quite spacious, with an overall body width of 20' 1" and an enormously wide 21' 6 1/2" roof to protect the body of the shed from extreme weather conditions. The front door is 7' 1/2" tall and 3' 8" wide, providing enough space for furniture, equipment and people to move in and out easily. The overall shed height is 12' 2 1/2" with the side width being 16' 1". The window area is kept at around 4' x 4'. Windows and doors will either be built independently or bought from a manufacturer. Follow the manufacturer's instructions to install the door and window in place.



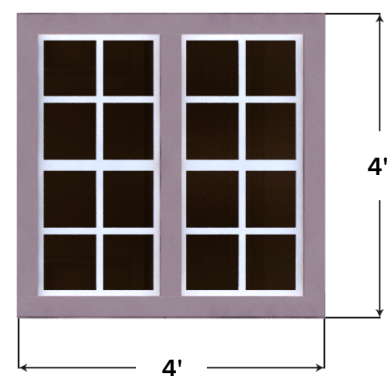
FRONT VIEW



DOOR



SIDE VIEW



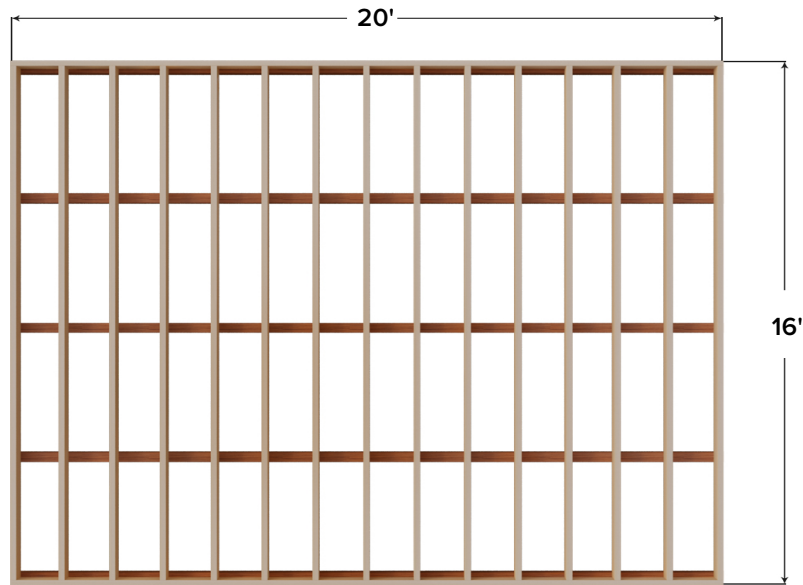
WINDOW

NOTE

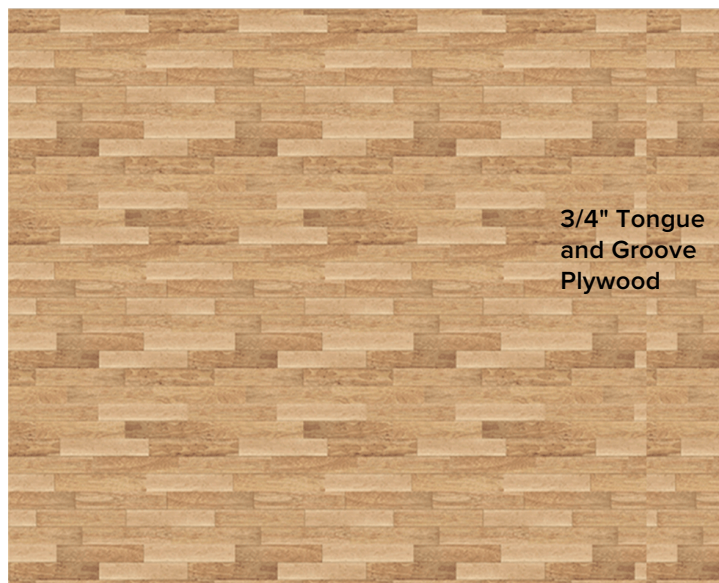
Use old doors and windows to save money. Follow manufacturer's instructions to accurately install the doors and windows.

2 FOUNDATION AND FLOOR

Building a solid foundation is the key to having a stable and steady shed. The foundation will support the walls so it needs to be resilient and strong enough to hold in place. Use pressure-treated timber to create a 20' x 16' foundation base as shown in the figure. Use 3/4" Tongue and Groove Plywood to build the floor on the foundation as shown in the figure. It is imperative to ensure the floor truss and skids are spaced equally to avoid any mishaps.



FOUNDATION BASE



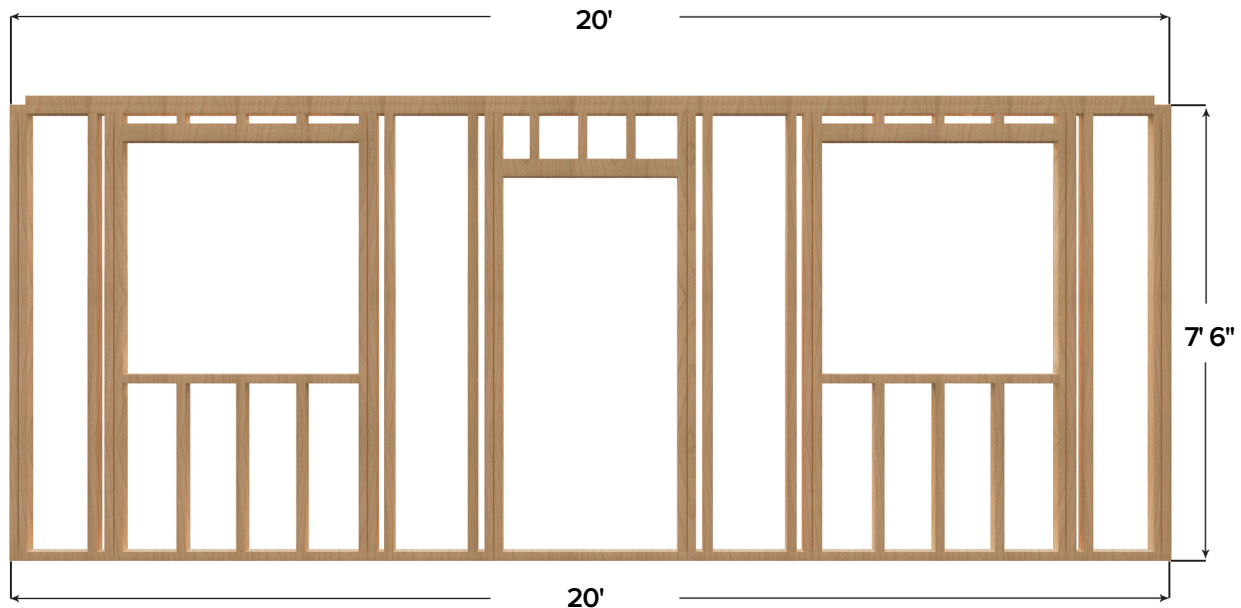
FLOOR

NOTE

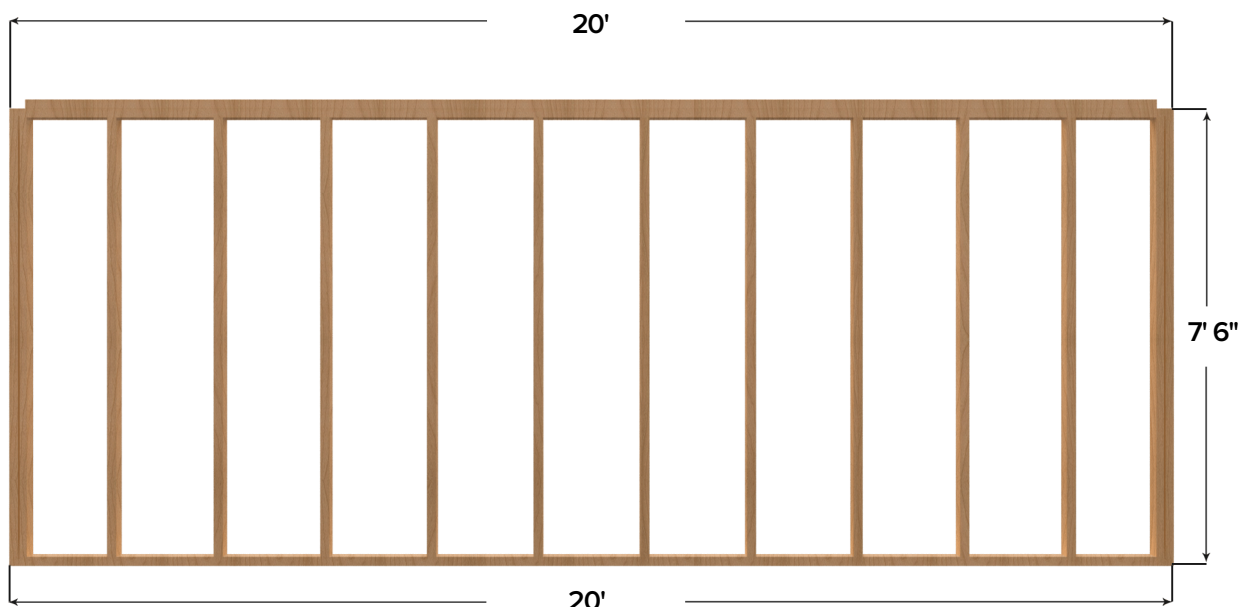
Buy per-designed joists and skids if you are new to building sheds. This way, you will reduce the chances of any complications in sizing and spacing.

3 WALL STRUCTURES

The most crucial step of shed building is building the wall structures. Wall structures need to be accurately cut and designed before installation. Once installed, reshaping the structures will not be a feasible option. Use pressure treated timber to construct the front and back wall frames as shown in the figure. You can use wall studs, headers, plates, cripple studs and L joints to assemble the parts. Use 3/12" galvanized nails to attach the frames firmly together. Both the walls need to be 20' wide and 7' 6" inches tall. Once the frames are constructed, install T1-11 siding with galvanized nails and exterior screws to complete the wall structures.



FRONT WALL



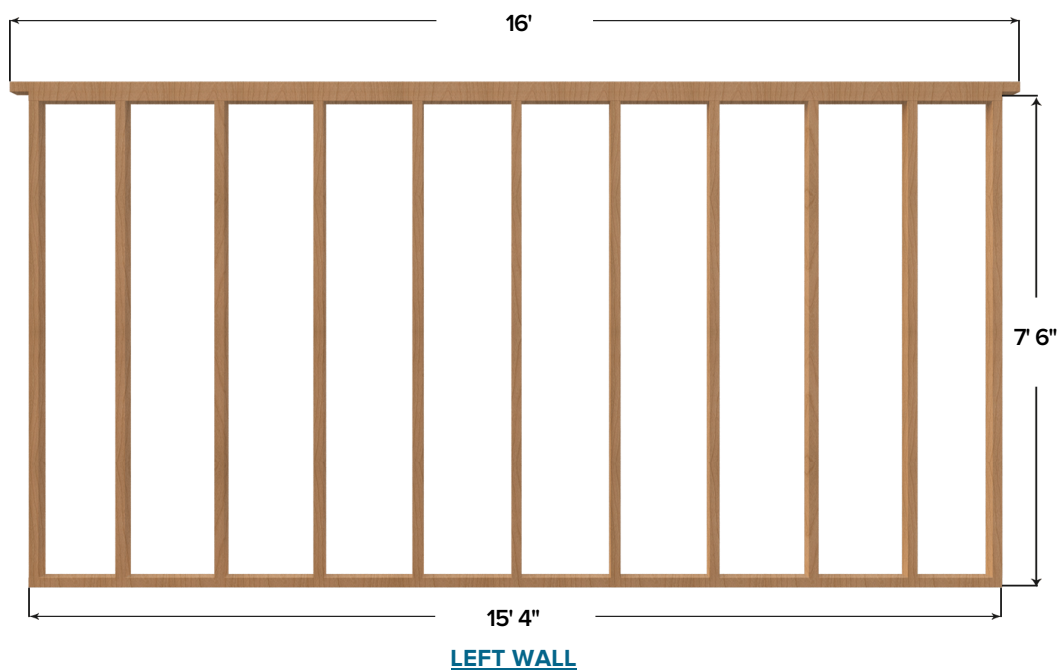
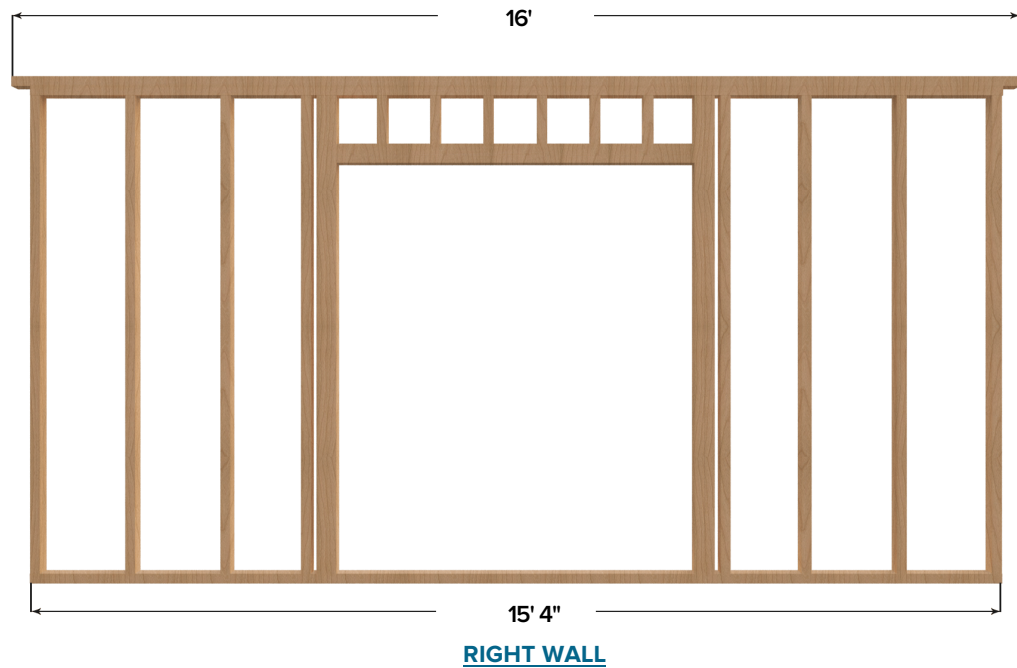
BACK WALL

NOTE

Add self-adhering flashing on the bottom edges of the windows before installing T1-11.

4 WALL STRUCTURES

The next step is to create the right and left walls of the shed with a width of 16' and height of 15' 5". Note that the right wall will have an opening for a door as shown in the figure. Both the right and left walls are comparatively easier to build, since they do not have many outlets for windows and doors as compared to the front and back walls. Once built, install T1-11 siding on the walls with galvanized nails and exterior screws.

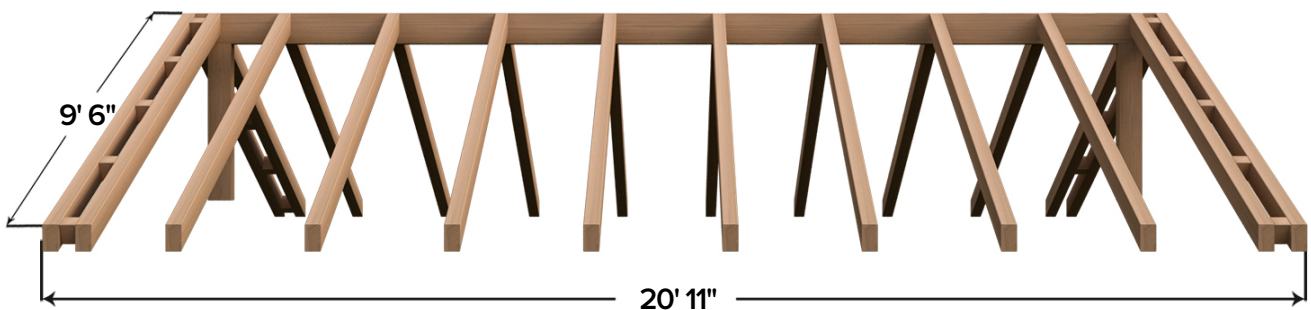


NOTE

Make sure the edges of T1-11 do not overlap each other as this will compromise the functioning and appearance of the T1-11.

5 ROOF SECTION

Once all four walls are completed, it is time to start building parts of the roof. The roof is the most important and complex part of a shed. It needs to be robust and the parts should fit well to ensure no leakage. Start with constructing the trusses of the roof. Make sure all the trusses are identical in shape and size to provide the roof with a stable and levelled base. Use the trusses as rafters and install T1-11 on the two outer most trusses using galvanized nails. Now, simply install the plywood sheathing on the roof using galvanized nails. Once the plywood is in place and is levelled, it's time to install the roof felt with nails. After the felt is installed, start adding the roof shingles of your choice.



NOTE

Follow the manufacturer's instructions carefully while installing the shingles. Get additional help for the roofing task to safely get the job done.

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