

A Stingray in Your Bathtub? Fitting a 1U Rack Server in Your Office

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My server is huge: the [Dell™ PowerEdge™ R610 Rack Server](#) is about 19" wide, and 30" deep. Think stingray, and you'll know what it is like. The bottom-feeding stingray provides a good analogy. Out of sight is its best habitat.

As for the server, such a monster should live, well, on a server rack. But a rack is a huge investment, both in money and required area. Can you make room for it in your office space? After all, the 1U server is only 1.68" high, and the R610 model is remarkably quiet.

The inspiration came from the [LackRack project](#) . These creative folks converted IKEA® coffee tables into data centers.

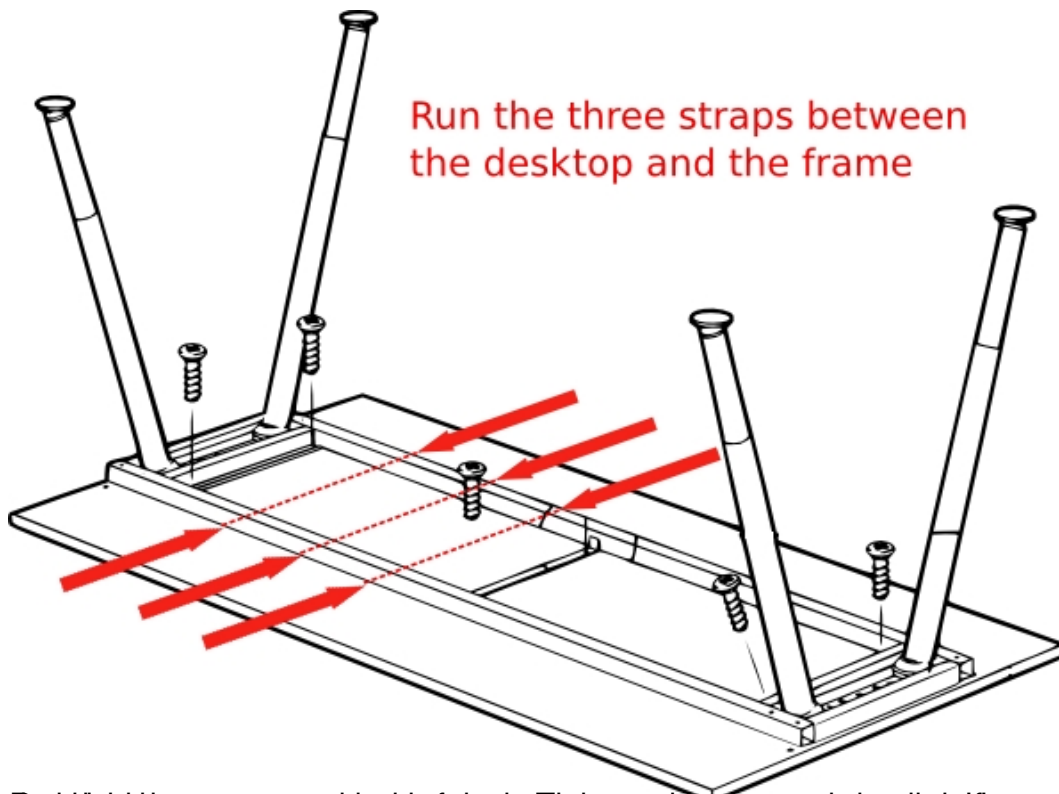
I decided to fasten the server under the top of an [I KEA Galant desk](#) . Mine is the corner model, but any other Galant model will do, as long as the top area is sufficiently large.

No tools are necessary! All you need are three straps with buckles, the kind used to secure loads on the top of a car. I used three [Keeper ® 8' x 1" Lashing Straps from The Home Depot®](#)

. Of course, 8' is too long. For a neater look, trim each strap to 5' and melt the cut edge with a flame.



The desk is too high for the server. The strap is too long. The strap is too wide. The strap is too narrow. The strap is too thick. The strap is too thin. The strap is too soft. The strap is too hard. The strap is too stretchy. The strap is too stiff. The strap is too slippery. The strap is too grippy. The strap is too smooth. The strap is too rough. The strap is too shiny. The strap is too dull. The strap is too colorful. The strap is too plain. The strap is too patterned. The strap is too plain.



And hold the straps under the desk to tighten the straps and rails. Use the one to help you



The rack is a nice and easy to use piece of hardware. This is a great way to get a 1U server. After all,



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