

The Right Entry-Level Servers Tailored to Your Small Business Needs



Small businesses need to be agile to make the most of their business opportunities. In the United States, only 39.2% of small businesses have full-time IT staff in-house.¹ Small businesses are challenged to manage expenses, improve productivity and reduce organizational complexities. If you're wondering where to start, we're here to help with the challenges your unique business might be facing and guide you to the right server technology solutions and assist with reaching your IT goals — no matter how big or small.

Our one-socket PowerEdge servers are built to process data quickly and enable everyday business applications to run faster and reduce interruptions. While these servers are designed for small to medium businesses, their increased performance, enterprise-class management and robust security capabilities make them just as applicable for larger organizations. They come in either a rack form factor that sits in a server rack, or a tower form factor, which looks like the traditional computer

tower. If you're wondering how these servers would fit in your office, just remember that a rack server takes up less space in a server room, while a tower server fits easily underneath most desks.

These four servers, the PowerEdge T140, T340, R240 and R340, feature a couple of new important updates. The key feature among all of these is the latest Intel® Xeon® E-2200 processors. These processors now provide twice as many² cores than the previous server generation (up to 8 cores versus 4 cores), allowing for increased performance and faster task completion. You can improve performance by up to 35% faster using PowerEdge one-socket servers with Intel® Xeon® E-2200 processors.³

Something else to think about is how to automate your server lifecycle. Automation is key when it comes to handling routine tasks. By leveraging these simple and efficient tools, you'll reduce time and effort on server management and invest more time on bigger priorities. As a business, you never want your applications to stop working, so we've integrated built-in security, proactive support and hot-plug options to keep your business operating.

How PowerEdge Servers Support Your Business

- [iDRAC](#) is embedded across most PowerEdge servers and provides one of the best remote management solutions in the market for 1-to-1 server management.
- You can access your servers anywhere, anytime from your mobile device with the [Dell EMC OpenManage Mobile](#) (with OpenManage Enterprise).
- Set up as much as 66% faster with our [ProDeploy](#) suite of services; simply tell Dell EMC what applications you'd like to run, and we'll configure and deploy the server in your office.⁴
- Proactively resolve issues with up to 72% less effort by leveraging technology from [ProSupport Plus and SupportAssist](#).⁵



Dell EMC PowerEdge T440 Tower Server

See which PowerEdge One-Socket Server works best for you:

Racks

R240: The R240 is excellent for both general-purpose and industry-specific workloads. Typically for small to medium businesses where the [IT infrastructure](#) consists of multiple servers and can be consolidated in a rack. Another feature update for this server is the addition of a 450W cabled power supply to support the higher core count for faster performance. The R240 can handle collaboration/sharing, mail/messaging, file/print, data coordination and web hosting.

R340: The R340 is designed to boost productivity, scale at your own pace and simplify your IT infrastructure. It offers high availability features like hot-plug drives and hot-plug redundant power supplies. The R340 is great for file/print, mail/messaging, collaboration/sharing and remote/branch offices. Plus, the R340 goes into the same type of SMB rack infrastructure as the R240.



Towers

T140: Overall, the tower form factor is designed to be quieter so it can go unnoticed under a desk. The T140 is an excellent server for desktop consolidation and general business applications. It includes tasks like collaboration, productivity apps, file-and-print, mail and messaging, office data coordination and file sharing. The T140 typically goes to a small office or home office user and helps these businesses get organized. Plus, it simplifies the IT of their growing business onto a reliable platform and attains greater productivity.

T340: The T340 [tower server](#) is well-suited for single-tier workloads and offers room for expansion. While it supports the same kind of general-purpose applications as the T140, the T340 offers greater internal storage capacity. It can accommodate users with rapidly expanding [data storage](#) requirements or allow steady data growth and expandability. Its convenient tower form also makes it a popular choice for remote office/branch office sites such as bank branches and retail outlets.

The PowerEdge one-socket servers can help simplify your IT environment, make better use of data and support your business as it scales. If you are unsure about where to begin, [check out a couple of tips](#) to help get you started on your server selection and explore additional information about [PowerEdge servers](#).

We Are Ready To Help

Our [Dell Technologies Advisors](#) are ready to help you with tailored product solutions designed to keep your business productive.

 SPEAK WITH AN ADVISOR TODAY
877-BUY-DELL

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¹IDC FutureScape: Worldwide SMB 2020 Predictions, Doc # US45587619, Oct. 2019.

²Based on a Dell EMC internal analysis comparing T340, R240, and R340 vs. the previous generation. September 2019. (Not applicable to the T140).

³Based on Dell EMC internal testing November 2019 comparing PowerEdge 1S Servers running Intel® Xeon® E-2186 processors vs. PowerEdge 1S Servers running Intel® Xeon® E-2288 processors using SPEC-cpu2017 int_rate_base. Actual results may vary.

⁴Based on a November 2017 Principled Technologies Test Report commissioned by Dell EMC comparing in-house deployment vs. Dell EMC ProDeploy for Enterprise deployment service for Dell PowerEdge R730 servers, Dell Storage SC9000 and SC420 and networking components. Actual results may vary.

⁵Based on June 2018 Principled Technologies Report commissioned by Dell EMC, "Save time and IT effort resolving server hardware issues with ProSupport Plus and SupportAssist," compared to Basic Warranty without SupportAssist. Actual results will vary.