

aws marketplace

Debian

# Reviews, tips, and advice from real users



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# Product Recap



Debian

# Debian Recap

Debian is a reliable open-source operating system ideal for servers and desktops. With its wide array of packages and stable releases, it suits developers and organizations seeking dependable performance and security.

Debian stands out for its stability and extensive package repository, making it a go-to choice for developers. Its open-source nature ensures transparency and flexibility. Debian's package management system, APT, simplifies software installation and updates. Its security updates are regular and prompt, ensuring systems are protected. With support for multiple architectures, Debian caters to various environments from desktops to large-scale servers.

## What are the key features of Debian?

- **Package Management:** APT tool for efficient software installation and updates.
- **Security:** Regular security updates maintain robust protection.
- **Open Source:** Community-driven with transparency and flexibility.
- **Architecture Support:** Compatibility with diverse hardware systems.
- **Stability:** Reliable performance across server and desktop configurations.

## What benefits and ROI should be considered in reviews?

- **Cost Efficiency:** Free distribution reduces expenses.
- **Performance:** Stable and reliable for demanding applications.
- **Customizability:** Open-source nature allows tailored solutions.
- **Community Support:** Extensive community for troubleshooting and advice.

Debian is widely used in industries such as web hosting, scientific research, and education, where reliability and long-term support are priorities. Its flexibility allows it to be adapted for specialized applications in scientific computing or educational environments, ensuring it meets industry-specific technical requirements.

# Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Debian has been a very reliable and stable foundation for all the systems I have worked on, and its package management, transparency, and predictable updates have been extremely helpful, especially for embedded and production environments.”



**Badal Shrivastav**

Embedded Linux / BSP Engineer at Veethree

- ✓ “Debian positively impacts my organization by allowing us to utilize a much more lightweight operating system with Amazon EC2 instances, which greatly reduces costs because we can use EC2 instances with lower RAM.”



**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

- ✓ “Debian has positively impacted my organization, and I have noticed specific improvements since adopting it.”



**Verified user**

Senior Software Engineer (Backend) at a tech vendor with 10,001+ employees

- ✔ “Debian offers features that are best for my needs, including being open source, which allows for the implementation of many things and the use of a wide variety of open-source tools.”



**Verified user**

IT Support Manager at a educational organization with 5,001-10,000 employees

- ✔ “Debian is the most straightforward and compatible option, which greatly simplifies our engineers' tasks.”



**Verified user**

Cybersecurity Engineer at a tech consulting company with 51-200 employees

- ✔ “Debian offers the best features in that it is open source, simple, and battle-tested, with a good release cycle.”



**Verified user**

Founder at a media company with 1-10 employees

- ✔ “Debian's stability helps me in my daily work because my work relies on stability; I'm trying to deploy production workloads, and Debian offers that stability for me.”



**Sabry Tarek**

DevOps Technology Lead at TriStratus Ltd

## What users had to say about valuable features:

The best features Debian offers are that it is fast, simple, and long-term supported.

That long-term support has helped me and my customers by being stable and running well. Debian has positively impacted my organization and my customers.  
.”

### Verified user

Embedded Developer at a tech vendor with 10,001+ employees

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“In my opinion, the best features Debian offers are its customizability. I can adjust the configurations to meet my specific needs.

Debian has positively impacted my organization by bringing strong security and consistent compliance awareness..”

### Anand R.

Cloud Solutions Specialist at Cloud Kinetics

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“The best features Debian offers are its low weight, lightweight architecture, and faster response to services. Debian's lightweight architecture and faster response help me in my day-to-day work by allowing me to host websites and achieve faster response times, which keeps my customers happy. Debian has kept my workflow secure by maintaining system stability with day-to-day or monthly updates with security patches, securing the system from external attacks. I am satisfied that there are regular updates and security updates that keep the system stable..”

**Hamza Sharif**

Cloud Engineer at a consultancy with 11-50 employees

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“Debian offers excellent stability and reliability as its best features.

What stands out to me about Debian's stability is its reliability.

Debian has positively impacted my organization as it leads to much more stable workloads. For example, if things were running worse a long time ago, with Debian it is now better.

I can share specific outcomes, such as downtime reduction and positive changes related to that..”

**Ivan Karpenko**

SRE at Akamai

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“Debian's best features are that it is very light and very comfortable for even older computers.

Regarding speed, Debian feels light and comfortable to me, and it has significant community support. If anyone encounters a problem in Debian, they can connect to the Debian community and receive help very quickly. This is the main reason I use Debian, and I love using the terminal.

Since using Debian, I have noticed that whatever I need for my work is already available in Debian. The Debian community is very active, and if any new feature or concern comes up, as soon as they update Debian mirrors or the apt repository, I can install and use it..”

**Verified user**

Data Science at a outsourcing company with 1-10 employees

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“The best features Debian offers include very good support and a huge library with support for various packages we can install to customize our workloads.

“Compared to CentOS, we are using Debian for many things; what we can achieve with Red Hat and CentOS, we can achieve on Debian itself, so I have been using Debian for a while.

“Debian has positively impacted my organization in that most of our applications are running on Debian..”

**Bsubbiah Bsubbiah**

Infrastructure Team Lead at Scalecomputing

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# Other Solutions Considered

“Before switching to Debian, I used Red Hat-based distributions because I am a Red Hat Certified System Administrator and Red Hat Certified System Engineer, and some projects required technical support and licensing for security concerns..”

**Sabry Tarek**

DevOps Technology Lead at TriStratus Ltd

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“I used to rely heavily on Windows before switching to Debian. With Windows, you need a license and must ensure that all the software you try to install supports Windows. A lot of software relies on Linux, which made the transition to Debian easier..”

**Verified user**

Cybersecurity Engineer at a tech consulting company with 51-200 employees

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“Before choosing Debian, we evaluated other Linux distributions, mainly Ubuntu and some vendor-specific Linux. Debian's stability, support, and package management made it a better fit for production and embedded systems..”

**Badal Shrivastav**

Embedded Linux / BSP Engineer at Veethree

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“There is not really another option besides Windows, which is not a good option. We have never used it because it is complicated and not as reliable on the server side. Even on desktop, Debian is very complicated to install and set up, but if you can get past that learning curve and set up a simple system that does just what you want, you unlock all sorts of capabilities that you just cannot get from other desktop operating systems like Windows or Mac..”

**Verified user**

Founder at a media company with 1-10 employees

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“Before choosing Debian, we evaluated other options like Ubuntu, Kali Linux, and CentOS, but many of them have additional costs such as support licensing, even though they are still cheaper than Windows. Debian stood out as the most compatible option, being the most stable with frequent updates and reliable backward support, making it the best choice for us..”

**Verified user**

Cybersecurity Engineer at a tech consulting company with 51-200 employees

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# ROI

Real user quotes about their ROI:

“There is nothing as such for return on investment, but I do not need a new computer to run Debian or a highly configurable computer. I can run Debian on my old computer as well, which is very useful for saving money..”

**Verified user**

Data Science at a outsourcing company with 1-10 employees


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“I have seen a return on investment; specifically, the cost is around zero because there is no need for a license, and since my whole team uses Debian, we are fine with the number of employees needed..”

**Sabry Tarek**

DevOps Technology Lead at TriStratus Ltd

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“I have seen a return on investment using Debian. We were able to save a substantial amount by using Linux instead of Windows and spending a lot of money on Windows licenses..”

**Verified user**

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Cybersecurity Engineer at a tech consulting company with 51-200 employees

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“Regarding return on investment, although I needed more employees, I cut down on licensing and maintenance costs, estimating around sixty percent savings percentage-wise..”

**Verified user**

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IT Support Manager at a educational organization with 5,001-10,000 employees

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“I have seen a return on investment using Debian. The least amount of privileges which we provide and the investment cost which we incurred on another machine images were comparatively lower. We saved around \$150 per month regarding the same..”

**Verified user**

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Senior Software Engineer (Backend) at a tech vendor with 10,001+ employees

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“It is very difficult to find an exact metric for return on investment because Debian is really a bedrock from which everything else is built upon. However, I would say that using Debian compared to other distributions which have more bloatware would be cheaper because we can run it on less powerful hardware. In terms of cost savings, we might see a cost of at least 10% reduction compared to distributions with more bloatware..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

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# Use Case

“My main use case for Debian is for websites hosting. I use Debian for some NGINX and Apache websites, for example, websites with static pages or some other customers with e-commerce content..”

**Hamza Sharif**

Cloud Engineer at a consultancy with 11-50 employees

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“I have been using Debian for a while now. My main use case for Debian is running PostgreSQL and related infrastructure. A specific example of an application I'm running on Debian is PostgreSQL..”

**Anand R.**

Cloud Solutions Specialist at Cloud Kinetics

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“My main use case for Debian is that a lot of my infrastructure resources are running on Debian, and many in-house tools are hosted on Debian servers.

“A specific example of how I am using Debian in my infrastructure is that we are running our application servers, we have a Postgres database hosted on Debian, and we have some customized monitoring tools hosted on Debian.

“In addition to my main use case, I was using Debian for ETL jobs..”

**Bsubbiah Bsubbiah**

Infrastructure Team Lead at Scalecomputing

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“I use Debian for programming, maintaining my website, and learning Linux scripting. I also encourage my friends to use open-source operating systems such as Debian, Ubuntu, or any other Linux variant.

I am using Debian on my personal computer and also on my friend's computer. I am not using Debian at work.

I use Debian for all purposes and all of my computer activities, not for any specific feature or particular use case..”

**Verified user**

Data Science at a outsourcing company with 1-10 employees

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“I have been using Debian for around 10 years now.

My main use case for Debian is that it's a regular Linux operating system with many use cases and system servers.

One specific example of how I use Debian is running the LAMP stack, including NGINX or other tools.

I have many use cases for Debian, but it does not make sense to share each one because there are too many of them..”

**Ivan Karpenko**

SRE at Akamai

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My main use case for Debian is as an everyday workhorse, and I provide Debian to some customers for embedded and non-embedded hardware.

For my work and for my customers, I use Debian to cross-build for some other ARM devices that are used for Gilbarco, which are used in many US gas stations to provide fuel to cars. I bought some QEMU to allow developers to run the ARM on computers. I installed Debian on every i.MX8 device, and I think there are thousands in the US market, plus some other thousands worldwide.

“Regarding my use case and interesting projects, I recently used Debian for Amazon and then for some other GitHub actions, still as a QEMU. .”

**Verified user**

Embedded Developer at a tech vendor with 10,001+ employees

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# Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

My advice to others looking into using Debian is to not step out from the initial configuration. It might be hard, but you will learn something, and then everything will work.

**Verified user**

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Embedded Developer at a tech vendor with 10,001+ employees

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“The installer experience with Debian is not great, but it is not terrible now. With AI, it is pretty easy to follow the basic steps to get it going. Most people setting up Linux are often using a distro based on Debian rather than vanilla Debian..”

**Verified user**

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Founder at a media company with 1-10 employees

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“I purchased Debian through the Azure Marketplace. My experience with pricing, setup cost, and licensing seems acceptable. We have also used Ubuntu as well. Comparing to Ubuntu, Debian is cheaper..”

**Anand R.**

Cloud Solutions Specialist at Cloud Kinetics

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# Customer Service and Support

“I have not needed customer support for Debian. I never had to contact the Debian help center, and whenever I had a query, I used Google to search for it and found very helpful information from public platforms..”

**Hamza Sharif**

Cloud Engineer at a consultancy with 11-50 employees

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“We rely on community resources for support, such as documentation, forums, and asking questions online. It's very easy to find reliable tutorials and guides. However, we've never reached out for official support or dealt with Debian's vendor tickets, as we manage everything ourselves by utilizing open-source resources..”

**Verified user**

Cybersecurity Engineer at a tech consulting company with 51-200 employees

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“My experience with customer support is that I use Debian on AWS, and Amazon's enterprise support is amazing. They get back to you extremely quickly and they are highly experienced. I have not needed help from the Debian community for assistance, but I would imagine that would be brilliant because the user community is massive for Debian..”

**Verified user**

Cloud Ops Lead at a tech vendor with 10,001+ employees

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“Debian support is excellent. While it does not have traditional paid customer support like some commercial distributions, the Debian community and documentation are very strong. I find that relying on community support and documentation has been more than sufficient to solve any issues I have faced..”

**Badal Shrivastav**

Embedded Linux / BSP Engineer at Veethree

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# Other Advice

I think that sometimes while I am speaking, you say thanks because you think I have ended my speech or my phrase, and then it is not so smooth. I would rate this review as providing comprehensive feedback on my experience with Debian.

**Verified user**

Embedded Developer at a tech vendor with 10,001+ employees

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“My advice for others looking into using Debian is that it needs to be widely used in organizations. I think a marketing strategy needs to be improved for Debian so that it can be widely used and penetrate the market. I would rate this review an eight overall..”

**Anand R.**

Cloud Solutions Specialist at Cloud Kinetics

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“My company does not have a business relationship with this vendor other than being a customer. We are a service provider company, so we work for different companies to provide them with IT infrastructure-related services. I believe Debian is clear and has been well covered. I have given this review a rating of 9..”

**Hamza Sharif**

Cloud Engineer at a consultancy with 11-50 employees

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“When it comes to specific outcomes or metrics, I would stick with improved performance and reduced downtime.

“My advice to others looking into using Debian is to prioritize stability. I would rate this review a nine overall..”

**Bsubbiah Bsubbiah**

Infrastructure Team Lead at Scalecomputing

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“My advice for others looking into using Debian is to read the documentation and take advantage of the big community to ask questions.

“Currently, my company does not have a business relationship with this vendor other than being a customer, but we are looking for this.

“I gave this product a rating of nine out of ten..”

**Sabry Tarek**

DevOps Technology Lead at TriStratus Ltd

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“Since I support using open-source applications, my advice to others looking into using Debian is to embrace the freedom to use everything without limitations. I encourage people to use open-source applications and operating systems such as Debian and any Linux variant, so that what they are using remains open-source and useful to all.

Debian is doing a great job, and they should keep it up. Thank you.

I should note that since I mentioned I am using Debian on my personal computer, there were many questions regarding my workplace or my organization, so the questions should be classified based on earlier questions. I would rate this review an eight out of ten..”

**Verified user**

Data Science at a outsourcing company with 1-10 employees

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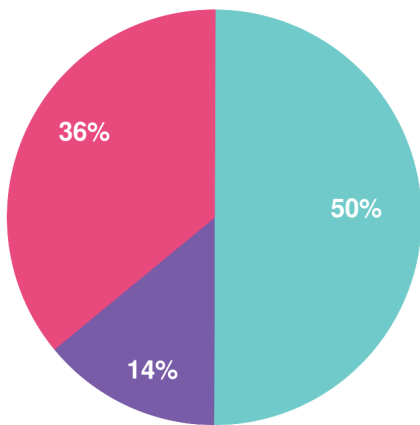
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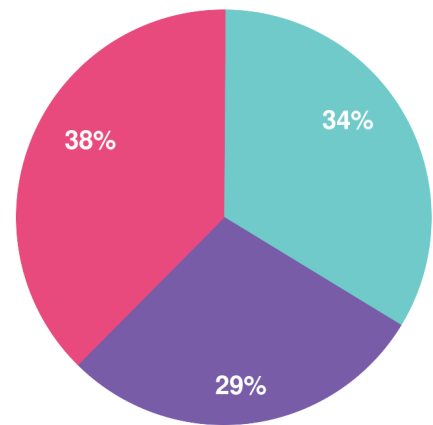


# Company Size

by reviewers



by visitors reading reviews



Large Enterprise      Midsize Enterprise      Small Business

# About this buyer's guide

Thanks for downloading this PeerSpot report.

The summaries, overviews and recaps in this report are all based on real user feedback and reviews collected by PeerSpot's team. Every reviewer on PeerSpot has been authenticated with our triple authentication process. This is done to ensure that every review provided is an unbiased review from a real user.

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# About PeerSpot

PeerSpot is the leading review site for software running on AWS and other platforms. We created PeerSpot to provide a trusted platform to share information about software, applications, and services. Since 2012, over 22 million people have used PeerSpot to choose the right software for their business.

PeerSpot helps tech professionals by providing:

- A list of products recommended by real users
- In-depth reviews, including pros and cons
- Specific information to help you choose the best vendor for your needs

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