aws marketplace

Couchbase Enterprise

Reviews, tips, and advice from real users

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Product Recap

Couchbase Enterprise

Couchbase Enterprise Recap

Couchbase Enterprise offers powerful data management capabilities with features like horizontal scalability, ease of use, and flexible tools for business applications. Designed for high performance and reliability, it supports multi-master capability and low latency, making it ideal for dynamic environments.

Designed for businesses needing crucial data management, Couchbase Enterprise offers advanced indexing, analytics engines, and efficient storage for performance enhancement. It provides flexibility with data types, robust data sync, and supports a dynamic API for seamless integration. Its intuitive query language simplifies operations, ensuring businesses navigate effortlessly while enjoying high availability and extensive features. Despite this, challenges exist in areas like manual failover processes, complex upgrades, and UI limitations, necessitating enhancements in concurrency, integration, and security features. Performance issues on certain platforms add to the need for improved documentation and support.

What are Couchbase Enterprise's most important features?

- Horizontal Scalability: Allows easy scaling across different servers to handle large data volumes.
- Advanced Analytics Engine: Drives insightful business decisions by processing complex data rapidly.
- Efficient Data Storage: Enhances system performance by optimizing data organization and retrieval.
- Multi-Master Capability: Ensures data consistency and reliability across several nodes.
- Dynamic API Integration: Facilitates seamless integration with other applications for extended functionality.

What benefits or ROI should users look for in reviews?

- Performance Efficiency: Low latency capabilities ensure smooth operations for business applications.
- High Availability: Robust infrastructure supports uninterrupted service and minimal downtime.
- Data Flexibility: Supports diverse data types, enhancing adaptability to business needs.
- Real-Time Data Replication: Ensures timely data updates across multiple platforms, enhancing workflow.
- Reliable Customer Support: Provides technical assistance, improving user experience and system utilization.

Couchbase Enterprise is deployed across industries for its excellent data handling capabilities. It empowers telemedicine, e-commerce, gaming, and telecommunications sectors by offering efficient data link utilization, caching, and logging. Some companies leverage its real-time data

replication with Elasticsearch for high-performance operational needs, while others benefit from its capabilities in managing reads and writes in iGaming. Retail industries use its document-based storage for structured inventory management, and cloud migrations are simplified with support from Capella.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

✔ "I rate Couchbase a nine out of ten."

Benjamin Glatzeder
Chief Executive Officer at Lister Studios

✔ "The most valuable features of Couchbase include the key-value storage due to its speed and the multi-master capability, which provides more speed and scalability compared to master-slave databases."

Keith Azzopardi
Fractional CTO at Tassei Tech

✔ "Couchbase was a stable solution for us."

Verified user
Backend Developer

✔ "The product's initial setup phase is easy."

Ravi_Singh
Manager at Tesco

"The best thing about Couchbase is its versatility in handling data."

WilliamMcCoy
Founder and CEO at Onshore Technology Consultants

"The whole stack is valuable, but the portion of the stack that we're finding really handy is the analytics engine because that allows us to take and pre-build views."

Verified user
CTO Architect at a financial services firm with 10,001+ employees

"The main advantages were associated with it being a no SQL database. It helped us send out metrics or rewards to multiple players in our game at a very low latency."

Asad Rizvi
Senior Software Engineer at a retailer with 10,001+ employees

What users had to say about valuable features:

I liked that Couchbase was stable and consistent, as much as possible with a NoSQL database. We didn't experience any downtime. Writing to the database was something we could rely on, and the database maintained reliable storage. This reliability was essential, giving us a good level of reassurance regarding data presence. Couchbase provided consistent productivity as a finished solution that worked well.

Verified user   Read full review ↗
Backend Developer

"The very useful feature of Couchbase is the online addition and deletion of nodes which we use because of XDCR replication. We use this very regularly.

Couchbase has an indexing part that is easy to build. We can create indexes in advance, before we have the data, and then we can stack in the data. This is something we use regularly.."

Satheesh Gampa   Read full review ↗
Principal Database Engineer at Sabre

"The most valuable features of Couchbase include the key-value storage due to its speed and the multi-master capability, which provides more speed and scalability compared to master-slave databases.

The support for syntax that allows reading by properties sets Couchbase apart from alternatives like Redis. Additionally, Couchbase's N1QL query language minimizes the learning curve for developers, facilitating an easier adaptation to the technology.."

Keith Azzopardi

Read full review ⎋

Fractional CTO at Tassei Tech

It just works. I used other products and they didn't do what Couchbase does. It works out of sight once everything is set up. When the user makes changes on their list in the app on their mobile phone, it syncs straight away. If there's an internet interruption, it resumes as soon as internet is available. I didn't have to do anything as a developer.

It's great because it's very different from MySQL where you have to update tables. With document type databases, you just say there's a new element in your document, and that's fine. It's really good to use. ."

Benjamin Glatzeder

Read full review ⎋

Chief Executive Officer at Lister Studios

"Easy querying language.

Easy to increase server capacity as per usage demand.

Easy UI interface.

Data storage is easy and we do not have to navigate different tables for extracting relational data.

Time to extract the data is faster than non-relational databases and hence there are fewer performance issues.."

Kallol Chakravarty   Read full review ↗
Associate Principal Performance Engineer at a tech vendor with 501-1,000
employees

"The most valuable feature of the solution stems from the ease of operation with Couchbase, and it has a lot of extensive features that it provides because it's not a document-based storage. We can also do basic operations on those documents, like indexing important fields, a full-text search, and advanced machine learning operations, like vector search. The tool is pretty easy to use and work with as it is a schema-less tool, so we don't have to work too much on defining the schema for the tables or the documents. It is very easy to onboard the tool to work for the new teams. It is a very extensible tool. My company gets a lot of good support from them as well, and their documentation is also pretty good, which we have found. Compared to other tools, such as the best document-based storage, MongoDB, and others, Couchbase works pretty well. Couchbase also provides good offerings in terms of the different features that we need from different DBs, like searching operations and materialized views. The tool works pretty well. The tool also provides very good latency on high loads. The scalability and the reliability are also other important aspects of the tool.."

Ravi_Singh
Manager at Tesco

Read full review ↗

Other Solutions Considered

"We previously used Mongo database but switched to Couchbase since it is a multi-master solution, allowing us to process more load and scale with lower costs.."

Keith Azzopardi
Fractional CTO at Tassei Tech

Read full review [↗]

"We opted for a no SQL kind of data storage. We looked at Redis and MongoDB and opted for Couchbase because it had SQL integrations, programming language and scripting language.."

Heinrich Venter
Backend Developer & Team Lead at Osiris Trading powering Betway

Read full review [↗]

"We were able to evaluate Cassandra. When comparing the two: Couchbase is more general purpose, and it has a smaller latency, while Cassandra is easier to manage with the open source version in cluster environments.."

Verified user
Chief Technology Officer at a comms service provider with 1-10 employees

Read full review [↗]

There was a service from Dropbox about 10 years ago. Just before I switched to Couchbase, that was sunset. I tried Firebase back then. They had a sync service too, but it was only partly offline. Only partly the data was available on the device, and querying wasn't really supported. This is what I knew 10 years ago, and I didn't look at different products during those 10 years. I was really happy with Couchbase.

Benjamin Glatzeder
Chief Executive Officer at Lister Studios

Read full review ↗

"I worked with other document databases, MongoDB database and Firestore. Each database has its own advantages and disadvantages. When it comes to the deployment part, MongoDB was much easier to deploy, but there are many differences when comparing features.."

Satheesh Gampa
Principal Database Engineer at Sabre

Read full review ↗

"I worked with other document databases including MongoDB and Firestore. Each database has its own advantages and disadvantages. When it comes to deployment, MongoDB was much easier to deploy, but there are significant feature differences.

I prefer both, but for complex applications requiring minimal downtime, I prefer Couchbase. If there is room for downtime, I would choose MongoDB.."

Satheesh Gampa
Principal Database Engineer at Sabre

Read full review ↗

ROI

Real user quotes about their ROI:

"Investing in Couchbase has significantly lowered our operational costs and increased throughput, reducing costs by half and supporting around five times the non-peak user volume during peak hours.."

Keith Azzopardi
Fractional CTO at Tassei Tech

Read full review ↗

"We've seen an ROI. We're able to reduce our costs. We've been able to improve our speed-to-market. Barring the integration work, we've been able to get rid of Redis and the cost of that. So, we've seen an ROI.."

Verified user
CTO Architect at a financial services firm with 10,001+ employees

Read full review ↗

Use Case

"Basically we have clusters, Couchbase clusters, databases, and that is how we use Couchbase with XDCR. All the clusters are set up and then we use Couchbase. It is a complex application setup we use with Couchbase. We have replication and multi-node Couchbase setup.."

Satheesh Gampa
Principal Database Engineer at Sabre

Read full review ↗

We used Couchbase as the primary data storage. Since our company was in the gaming industry, Couchbase stored data on players and related to games, levels, and similar objects for our mobile applications, aka games. There was a synchronization in place between Couchbase and another database, Elasticsearch. Some indices from Couchbase were periodically replicated to Elasticsearch.

Verified user
Backend Developer

Read full review ↗

I have two use cases right now. I have a shopping list app where users can share their lists, so I used the Sync feature with Sync Gateway.

In another product, I use what they call N1QL, which is a query language, and I use it to check if ads are available to show to a user. In one part of the product, I only use the Sync Gateway, and in another part, I use N1QL to query the database. ."

Benjamin Glatzeder   Read full review [↗]
Chief Executive Officer at Lister Studios

"Our primary use case for Couchbase is related to the iGaming industry, particularly for high-performance reads and writes to meet our SLA for high volumes. We have a particular use case where there is an SLA of one second, and Couchbase is critical for ensuring our wallet operations function correctly.."

Keith Azzopardi   Read full review [↗]
Fractional CTO at Tassei Tech

"In my company, we use the enterprise version of Couchbase, and it is used across the organization for its database operations. We do only use the NoSQL database, not Couchbase Capella.

The tool is mostly for document-based storage of Cisco, which is a retail company. We manage a lot of product information and send a lot of metadata that we generate for all of our orders, including baskets and other aspects. We use Couchbase heavily for document-based storage purposes.."

Ravi_Singh   Read full review ↗
Manager at Tesco

"Initially we were using the on-premise Couchbase Server which was maintained by the organisation with assistance from a consultant from Couchbase. After they came up with the cloud version of Couchbase called Capella, it was decided to migrate there to reduce the maintenance cost and to take advantage of the advanced features the product offers.

Couchbase Capella offered distinct advantages like ease of horizontal and vertical autoscaling, ease of querying using the SQL++ language (which is not hard to learn), and the flexibility it offers while being hosted in the cloud and being served by the parent company.."

Kallol Chakravarty   Read full review ↗
Associate Principal Performance Engineer at a tech vendor with 501-1,000 employees

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.

"The installation could be difficult for some engineers that are brand new to the implementation because the reference documents are much harder to find than other solutions, such as MongoDB.."

RexChang
President at YCL

Read full review ↗

"I used Docker to help me set up Couchbase and it was easy. The full process takes 10 to 15 minutes to implement.

I rate the initial setup of Couchbase a ten out of ten.."

Marcin Tokarski
Software Engineer at a tech services company with 51-200 employees

Read full review ↗

"The initial setup was very easy, especially on Windows. The biggest aspect of the solution is tuning it and understanding how it behaves. If something happens, it drops and switches off all your nodes and you need a rebalance. The biggest difficulty with the platform out of the box is getting it to run in a stable way. You can run it or you can get it up and running on your local machine very quickly, but having that set up for a production environment is a different story.

I would rate the setup of the solution a seven out of ten. ."

Heinrich Venter   Read full review ↗
Backend Developer & Team Lead at Osiris Trading powering Betway

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I'd say it's a steep learning curve first, and there are three things to set up that take time. But once this is all done, it's really easy. There's no more maintenance or worrying that things don't work as advertised. They just work, which is a lot better than having a product that's easier to use at first but then afterwards you still have headaches, so I prefer Couchbase a lot to other products I tried in the past.

It's a lot to learn and to wire everything up, but that is with every good product, you've got to study. It's similar to studying English to speak it properly. ."

Benjamin Glatzeder   Read full review ↗
Chief Executive Officer at Lister Studios

"The initial setup was straightforward.

We have deployed this solution onto our own cloud. We installed the Agentpoint and deployed Couchbase onto the enterprise cloud here.

The deployment took a couple of months, and to draw the schema and design the other requirements took three to four months.

I will be using the enhanced version when we set it up for the customer.."

Qaiser Shakoor   Read full review [↗]
ETL DeveloperDeveloper at PumaSight

"The initial setup is easy. We build the Couchbase clusters using a data node, query or index. It depends on the key metrics which the application team wants. Deployment takes around 5-10 minutes in the web console. Following that, we can add in a number of nodes and join the clusters.

For the on-premises solution, we have a separate Linux team for any maintenance activity. We have a separate team for the cloud. Whenever we are doing patching activity, we have to remove-and-rebalance on the particular node where the OS team performs the patch. ."

Nanthagopal G   Read full review [↗]
DB2LUW and Couchbase ADMINISTRATOR at HCL Technologies

Customer Service and Support

We never contacted tech support while I was at the company. However, we used the documentation, which was well-written and clear. I'd rate it ten out of ten.

Verified user
Backend Developer

"Sometimes, the technical support team responds promptly and helps with incidents, but other times, they require multiple logs and take more time to provide root cause analysis.."

Anuj Gupta
DevOps Engineer at Amdocs

"Communication with the technical support team is rare because most of the time, our clients have not purchased the enterprise version. We solve the issues on our end to keep the project cost low. The project was not too extensive, so we never needed to contact support.."

Qaiser Shakoor
ETL DeveloperDeveloper at PumaSight

"So far, they've been okay. They haven't been the best. We've had to play what I call the 800-pound gorilla a couple of times to get focus on our problems, but once I played the 800-pound gorilla initially, they've been very responsive to our issues and helped us resolve issues. We found bugs, and they're working on solving those bugs. Of course, we're a big bank implementing a big solution. So, we're going to get a little bit of a different experience than a mom-and-pop credit union, but for the most part, they're about as typical as any support organization.."

Verified user   Read full review ↗
CTO Architect at a financial services firm with 10,001+ employees

"We contacted Couchbase support recently when we had an issue. They were helpful, but since we have a critical system and application, they need to rethink their upgrade process and improve their validation after upgrades.

My team has contacted Couchbase support directly. They provide good support, but we prefer a proactive approach rather than reactive because this is not the first time we are facing issues after an upgrade. It has happened multiple times, requiring extra caution during upgrades, which causes worry among application teams due to previous experiences.."

Satheesh Gampa   Read full review ↗
Principal Database Engineer at Sabre

Other Advice

I would rate Couchbase nine out of ten, given some small hiccups. For example, the replication feature needs to operate in a more timely and consistent manner. Overall, I would rate the solution nine out of ten.

Verified user   Read full review ⧉
Backend Developer

"It is a good solution, but as every product needs improvement, this also needs some enhancement. It is a good product. I rate Couchbase seven out of ten.."

Satheesh Gampa   Read full review ⧉
Principal Database Engineer at Sabre

"Couchbase, especially under high load conditions, is imperative for providing a great user experience due to its stability and scalability, which reduces costs and scales efficiently.

I rate Couchbase at nine out of ten.."

Keith Azzopardi   Read full review ⧉
Fractional CTO at Tassei Tech

"I am a user of Couchbase and would recommend it to other people. Giving practical insights would be valuable advice for anyone new to Couchbase.

"On a scale of 1-10, I rate Couchbase an 8.."

WilliamMcCoy   Read full review ↗
Founder and CEO at Onshore Technology Consultants

"I suggest the tool to others as it is heavily, working a lot on improving the database framework.

The tool offers support for multiple data models.

We do need to maintain the tool as there is a need to upgrade it, and we do need to do continuous patching. We do have a central team for Couchbase, and they manage it for us. They are actively working with Couchbase's enterprise team to do all those operations, like patching, server upgrade, and backup, but it all requires some kind of support.

The tool has some AI capabilities, as you can do vector search, semantic search, groupings, and using open-source models and enabling them on the database so that we can structure our data better and do things like advanced search operations.

I rate the tool an eight out of ten.."

Ravi_Singh   Read full review ↗
Manager at Tesco

Currently, I only use it in a datacenter, not on AWS. The reason being is that when I

started using Couchbase, they insisted on running Couchbase on bare metal servers, not on VMs or in a [Docker](#) container, so Couchbase has the full resources from a server. At the time, they didn't have any offers for [AWS](#), such as [Couchbase Capella](#). I'm really happy using it on premises.

I haven't used graphs yet. I use key value and document based functionality, and I actually used it 10 years ago. Now it's second nature to me.

"I'll continue to explore using Couchbase, particularly looking into geospatial applications. While I know that Postgres has more native support for those uses, I haven't yet tested if Couchbase is fast enough with geospatial documents.
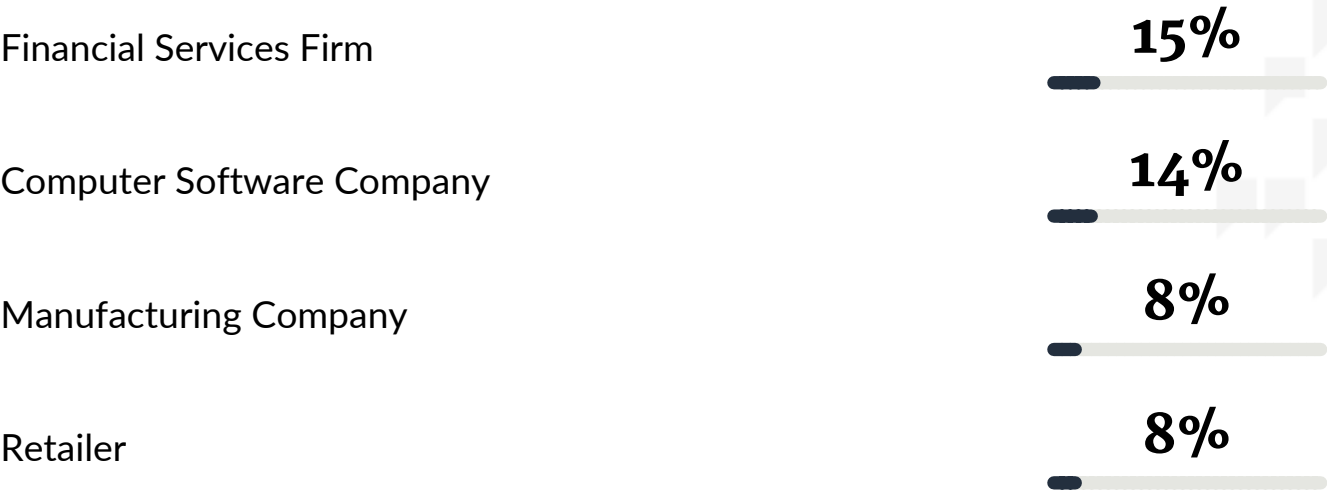
"I rate Couchbase a nine out of ten. ."

Benjamin Glatzeder
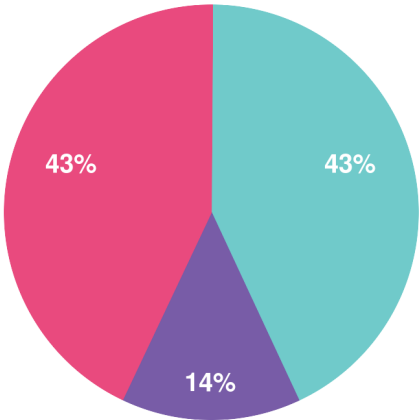Chief Executive Officer at Lister Studios

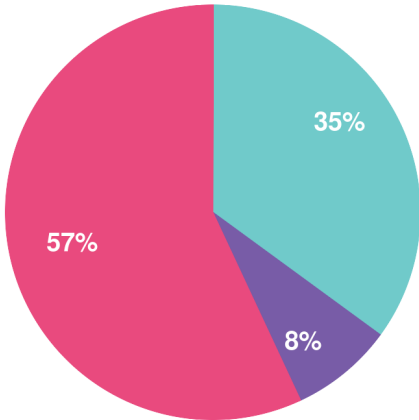Read full review ⬈

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Company Size

by reviewers

43% / 43% / 14%

by visitors reading reviews

35% / 57% / 8%

● Large Enterprise ● Midsize Enterprise ● Small Business

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