



THOUGHTSPOT

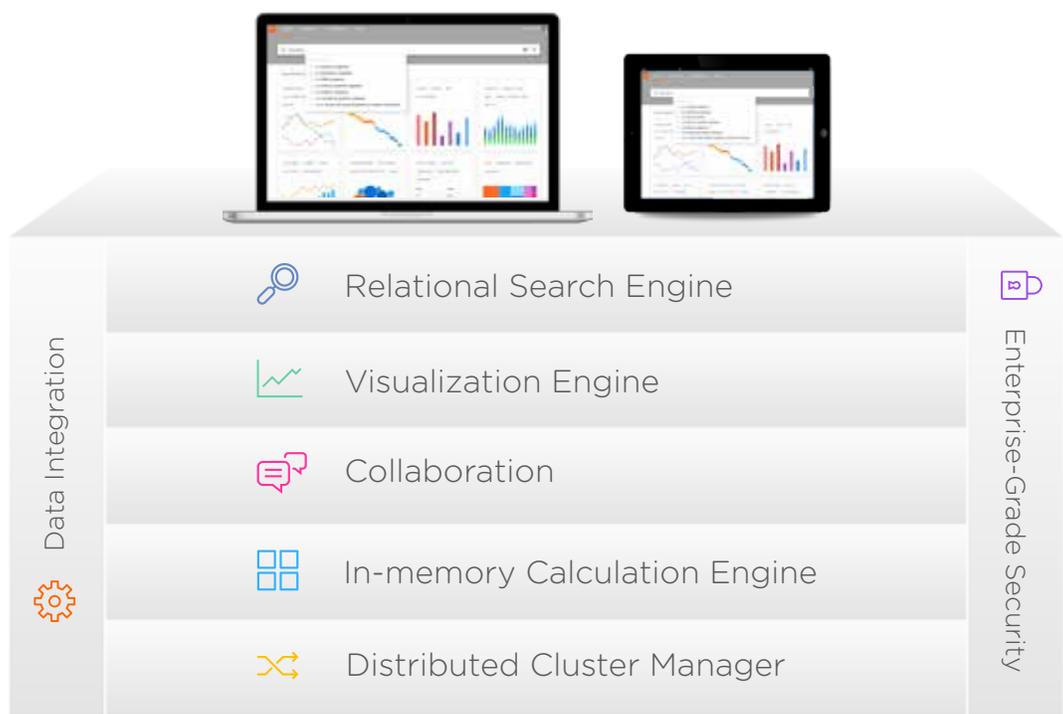
DATASHEET

THE WORLD'S FIRST RELATIONAL SEARCH ENGINE

ThoughtSpot is a new breed of search engine designed for data analytics. As you type, ThoughtSpot instantly calculates answers and presents the best visualization for your search. Anyone can use ThoughtSpot with zero training to ask questions, analyze company data, and build reports and dashboards - all in seconds. ThoughtSpot combines data from on-premises, cloud data sources, spreadsheets, and Hadoop, can scale to billions of rows, and can be deployed in hours. ThoughtSpot's search engine uses collective intelligence to guide users to the right answers and is powered by a sophisticated calculation engine capable of performing aggregations over terabytes of data with sub-second latency. Complete with robust integration, fine-grained security rules, and cluster management for reliability and massive scalability, ThoughtSpot brings instant answers to every business professional.

PRODUCT ARCHITECTURE

Building a relational search engine for numbers required a fundamentally different approach to enterprise analytics. While searching to analyze in ThoughtSpot is incredibly easy for users, there's a lot of sophistication under the hood that makes it fast and accurate. The diagram below represents ThoughtSpot's product architecture and serves as a table of contents for the feature details on the following pages.



PRODUCT FEATURES



Relational Search Engine

Guided search experience designed for fast analytics at scale

Guided Suggestions	Relevant search suggestions based on each word you type, powered by your data, metadata and usage - all presented in real time
DataRank	A ranking algorithm for search suggestions that leverages collective intelligence from prior usage, security rules, and characteristics of your data such as cardinality and data type
AutoJoins	Understands your data model and joins tables with billions of rows on-the-fly to calculate answers across siloed data sources
Synonyms	Real-time keyword validation for customizable synonyms, homonyms, and misspelled words for enterprise-wide usability
Search Inspector	Explains underlying calculations so you can easily verify and trust your answers
Advanced Analytical Search	Use search to incorporate formulas, group sums, nested searches, many-to-many joins and multiple join paths



Visualization Engine

Automatically chooses the best chart based on your search and presents them on live dashboards

PopCharts	Intelligently chooses from dozens of visualizations as you type and presents them in real time
Pinboards	A drag-and-drop story building experience to help you organize insights on live dynamic dashboards
Drill Anywhere	Ad-hoc drill down and across any data dimension without the need for a hierarchy or pre-defined drill path

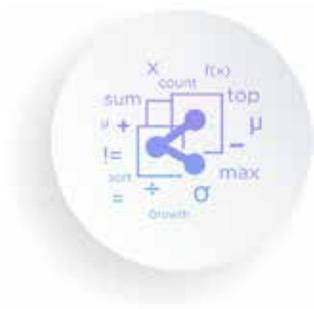


Collaboration

Real-time comments on analyses and one-click sharing of charts and dashboards

Group & User Sharing	One-click sharing with groups and individual users combined with an activity feed showing you real-time updates
Presentation Mode	An interactive view to present charts and pinboards that utilizes every inch of your screen's real estate
Comments	Chart annotations and pinboard messaging for collaboration in context
Alerts & Notifications	Real-time alerts and scheduled notifications so you'll never miss the latest analysis

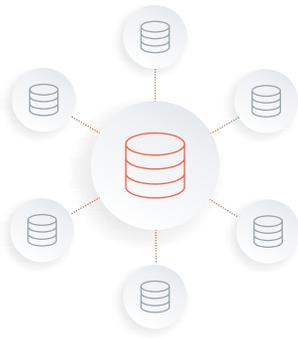
PRODUCT FEATURES



In-memory Calculation Engine

Data cache optimized for search, query processing, and calculations at scale

Query Optimizations	Caches frequent searches for maximized query performance with zero tuning
Parallel Computing	Executes queries and performs joins and aggregations in parallel for answers in milliseconds
Data Sharding & Replication	Intelligent distribution of data based on database schema and table size to minimize join time while maintaining high availability



Distributed Cluster Manager

Highly reliable and scalable clusters complete with monitoring and real-time alerts

Web-Scale Architecture	Fully distributed in-memory database on top of an infinitely stackable appliance built for hundreds of terabytes of data
High Availability	Data replication and automatic node failover for zero downtime
Disaster Recovery	Automatic backups and snapshots to restore your cluster
Cluster Monitoring & Usage Analytics	Real-time monitoring alerts and out-of-the-box usage dashboards for simplified user management and administration



Data Integration & APIs

Database connectors certified by the world's most popular ETL platforms and flat file uploading for fast parallel data loading

Database Connectors	Native ODBC and JDBC connectors for use with your database and ETL platform of choice, certified by popular integration tools like Informatica Power Center and Microsoft SSIS
ThoughtSpot Data Connect	Instantly combine your favorite cloud data sources with your on-premise data in ThoughtSpot
Flat File Upload	Drag and drop Excel spreadsheets, CSVs, or any other delimited file for ad-hoc data mashup and analysis
Fast Parallel Loading	Bulk data loader capable of loading multiple terabytes of data per hour
Embedded Analytics	iFrame embedding of pinboards, charts and data directly into any portal or app



User	Sales	Leads	Salaries
Marketing	✓	✓	✗
Sales	✓	✗	✗
Finance	✗	✗	✓
HR	✗	✗	✓



Enterprise-Grade Security

Secure and granular access control and a secure single sign-on experience

Row & Column Security	Restrict data access down to the cell level based on customizable permissions
Group & User Security	Comprehensive user and group governance that persists across charts and pinboards
LDAP Integration	Native LDAP support for directory services software, including certification with Active Directory
SAML Integration	Easy integration with existing enterprise single-sign on software

SETUP & INSTALLATION

Get up and searching in less than two weeks

Appliance



Private Cloud



Public Cloud



With ThoughtSpot, there are multiple ways to get up and running, fast. Our customers typically go-live to production in 2-4 weeks, 85% faster than traditional BI deployments. ThoughtSpot is priced by data volume in 250GB increments that can be scaled infinitely.

ThoughtSpot's appliance is a stackable, 2U chassis appliance comprised of between 1 and 4 individual nodes that form a cluster. ThoughtSpot appliances come standard with two Intel® Xeon® CPU E5-2690 v2 processors, two 10GbE network ports, and two 1GbE network ports. To get started, install the appliance in a rack in your data center and connect to a dedicated LAN for system management, power on the appliance, and begin loading data.

System Dimensions

Height	3.47" (88 mm.)
Width	17.25" (438 mm.)
Depth	26.75" (679 mm.)
Weight	85 lbs (gross)

Power

Rated	1620W
Input Voltage	100-240VAC
Input Current	8-12A
Input Frequency	50-60Hz
PF @ Typical Load	0.98

Standard I/O

Management	IPMI 2.0
Data	10GbE, SFP+
KVM	USB, VGA

Environment

Operating Temperature	50°F to 95°F (10°C to 35°C)
Non-Operating Temperature	-40°F to 158°F (-40°C to 70°C)
Non-Operating Humidity	5% to 95%, non-condensing
Altitude	0 ft. to 10,000 ft.



Don't BI. Just Search.