



MICROSOFT SQL SERVERS

A relational database management system from
Microsoft designed and built to manage and
store your information.

Web Edition Standard Edition Enterprise Edition

OVERVIEW

When your server needs to communicate with other software applications, there is only one reliable solution: Microsoft SQL Server.

Getting all of your components and software to speak the same language, process transactions, learn from the data, and report it back to you is not easy. However, MS SQL Server has a solution for every possible configuration and ServerMania is here to guide you in the process.

What is SQL?

Microsoft's SQL Server database is a full-featured relational database management system (RDBMS) that enables communication amongst a wide variety of software capable of transaction processing, business intelligence, and analytics applications in corporate IT environments.

What is SQL Server Used for?

SQL Server stores and manages data that resides on a database server that can be used for a host of functions and comes with varying features depending on your needs, workload, and function. SQL Server also processes different kinds of data in terms of data warehousing, big data clusters, financial data, and performs data analysis.

SQL Server features include:



Machine-learning services



Data analytics



Reporting



Business Intelligence Studio



Full-Text Search

The Server + Cal Model vs Core Model

There are usually two types of organizations that require Microsoft SQL Server, one with a limited number of users, such as a private network. For this type of customer, they offer a separate license for each device that accesses the network, usually, when there is a limited number of users. This is referred to as the Server + CAL model.

For businesses with a near-unlimited number of users such as a large organization that provides access to the public, Microsoft offers SQL Server licenses by the server and works as a catch-all license for all users (as opposed to by the device). This is referred to as the core licensing model.

The table below outlines the licensing costs for SQL Server, if you have any questions, one of our knowledgeable representatives are ready to help.

PRICE PER 2 CORES:	
Microsoft SQL Web	\$8.50
Microsoft SQL Standard	\$139.00
Microsoft SQL Enterprise	\$532.50

The following two tables include our current Custom and Legacy Dedicated Server CPU inventory, and the respective SQL pricing for each CPU. Note that inventory is always based on availability and subject to change.

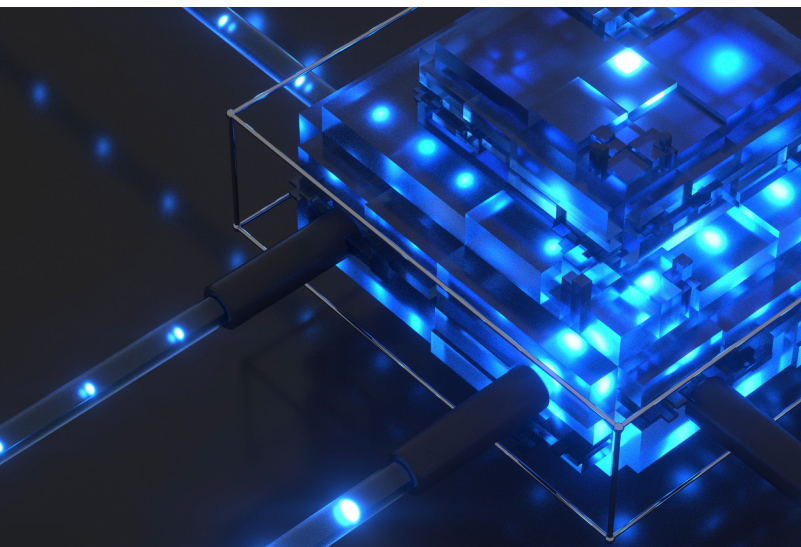
CPU	Cores	SQL Web (USD)	SQL Standard (USD)	SQL Enterprise (USD)
Intel Xeon E3-1270 v6	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E3-1280 v6	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E-2136	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon E-2146G	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon E-2236	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon E-2246G	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon W-2125	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon W-2145	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon W-2245	8	\$35.00	\$555.00	\$2,130.00
Intel Xeon W-2155	10	\$43.00	\$694.00	\$2,662.00
AMD Ryzen 3950X	16	\$69.00	\$1,111.00	\$4,260.00
AMD EPYC 7352	24	\$104.00	\$1,666.00	\$6,390.00
Intel Xeon Silver 4210	10	\$43.00	\$694.00	\$2,662.00
Dual Intel Xeon Silver 4114	20	\$87.00	\$1,389.00	\$5,325.00
Dual Intel Xeon Silver 4210	20	\$87.00	\$1,389.00	\$5,325.00
Dual Intel Xeon Silver 4214	24	\$104.00	\$1,666.00	\$6,390.00
Dual Intel Xeon E5-2680 v2	20	\$87.00	\$1,389.00	\$5,325.00
Dual Intel Xeon E5-2695 v2	24	\$104.00	\$1,666.00	\$6,390.00
Dual Intel Xeon E5-2690 v2	20	\$87.00	\$1,389.00	\$5,325.00
Dual Intel Xeon E5-2620 v4	16	\$69.00	\$1,111.00	\$4,260.00
Dual Intel Xeon E5-2630 v4	20	\$87.00	\$1,389.00	\$5,325.00
Dual Intel Xeon E5-2650 v4	24	\$104.00	\$1,666.00	\$6,390.00
Dual Intel Xeon E5-2680 v4	28	\$121.00	\$1,944.00	\$7,455.00
Dual Intel Xeon E5-2690 v4	28	\$121.00	\$1,944.00	\$7,455.00
Dual Intel Xeon E5-2695 v4	36	\$156.00	\$2,499.00	\$9,584.00
Dual Intel Xeon E5-2697 v2	24	\$104.00	\$1,666.00	\$6,390.00
Dual Intel Xeon E5-2699 v4	44	\$191.00	\$3,055.00	\$11,714.00

CPU	Cores	SQL Web (USD)	SQL Standard (USD)	SQL Enterprise (USD)
Intel Xeon E3-1240v2, 3.4 GHz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E3-1270v2, 3.5 GHz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E3-1240v3, 3.4 GHz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E3-1270v3, 3.5 GHz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon D-1540, 2.0 GHz	8	\$35.00	\$555.00	\$2,130.00
Intel Xeon E3-1241v3, 3.5 Ghz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E3-1240v5, 3.5 GHz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon E5-1650v3, 3.5GHz	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon E5-1650v4, 3.6GHz	6	\$26.00	\$417.00	\$1,597.00
Intel Xeon E5-1660v3, 3.0GHz	8	\$35.00	\$555.00	\$2,130.00
Intel Xeon E5-1660v4, 3.2GHz	8	\$35.00	\$555.00	\$2,130.00
Intel Xeon i7-6700K, 4.0 Ghz	4	\$17.00	\$278.00	\$1,065.00
Intel Xeon i7-7700K, 4.2 Ghz	4	\$17.00	\$278.00	\$1,065.00
Dual Xeon E5-2620v2, 2.1 GHz	12	\$52.00	\$833.00	\$3,195.00
Dual Xeon E5-2640v2, 2.0 Ghz	16	\$69.00	\$1,111.00	\$4,260.00
Dual Xeon E5-2670v3, 2.3 GHz	24	\$104.00	\$1,666.00	\$6,390.00

SQL Server Web edition is a low total-cost-of-ownership option for Web hosts and Web VAPs to provide scalability, affordability, and manageability capabilities for small to large-scale Web properties.

SQL Server Standard edition delivers basic data management and business intelligence database for departments and small organizations to run their applications and supports common development tools for on-premise and cloud-enabling effective database management with minimal IT resources.

The premium offering, **SQL Server Enterprise edition** delivers comprehensive high-end datacenter capabilities with blazing-fast performance, unlimited virtualization, and end-to-end business intelligence - enabling high service levels for mission-critical workloads and end-user access to data insights. This version has all the features required for big data and is well worth the investment.



SQL Server Edition Comparison: Web vs Standard vs Enterprise

Benefits & Features

Businesses benefit from Microsoft SQL Server with fast, reliable transactional processing. Each of the three editions has a host of features available, here is an outline of the most common.

Web Edition

SQL Server Web edition offers scalability, affordability, and manageability capabilities for smaller web hosts and VAPs. This is the low-cost version and meant for small to large scale web properties and entities.

SQL Management Studio and management packs allow you to manage your business data infrastructure, while SQL Server Agent can be used to schedule maintenance tasks like backups and monitoring status. The built-in performance data collectors allow Administrators to collect performance-related data, however this edition does not include the buffer pool extension. This version is only available through an SPLA (Service Provider License Agreement) and not available by purchase.

SQL Standard vs Enterprise

Both options offer rich programming tools, security solutions, and fast performance for midtier / middle-tier applications and data warehouses. Easily upgrade to Enterprise edition without altering any codes, both editions feature Basic integration services, however advanced sources and destinations, as well as advanced tasks and transformations, do not come with the Standard edition.

While Enterprise edition features master data services, Standard does not. You can access specialized cloud capabilities to increase efficiency for advanced analytics enterprise workloads, data protection applications and services that use advanced technology.

WHY

SERVERMANIA



ServerMania is the trusted server hosting provider of thousands of brands, providing the infrastructure that supports businesses from boutique eCommerce stores to the largest enterprise apps and services. Many of our customers have been with us for years.

We are a trusted partner, empowering server hosting customers with unparalleled support, cutting-edge infrastructure, and our commitment to building tailored solutions that fit the unique needs of each customer. A leader in web hosting solutions since 2002.



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