

Computer Virtual Machine Software Market, Global Outlook and Forecast 2022-2028

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Abstracts

In computing, a virtual machine (VM) is a simulation of a computer system. Virtual machines are based on computer architecture and provide the functionality of a physical computer. Their implementation may involve dedicated hardware, software, or a combination thereof.

There are different kinds of virtual machines, each with different functions:

A system virtual machine (also known as a fully virtualized VM) can replace a real computer. They provide the functionality needed to execute the entire operating system. The hypervisor uses native execution to share and manage hardware, allowing multiple environments that are isolated from each other but exist on the same physical machine. Modern hypervisors primarily use host CPUs to use hardware-assisted virtualization, virtualization-specific hardware.

Process virtual machines are designed to execute computer programs in a platform-independent environment.

Some virtual machines (such as QEMU) are also designed to emulate different architectures and allow execution of software applications and operating systems written for another CPU or architecture. Operating system level virtualization allows partitioning of computer resources through the kernel. These terms are not universally interchangeable.

This report contains market size and forecasts of Computer Virtual Machine Software in Global, including the following market information:

Global Computer Virtual Machine Software Market Revenue, 2017-2022,
2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Computer Virtual Machine Software market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

System Virtual Machine Software Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Computer Virtual Machine Software include VMware, IBM, Huawei, Hewlett Packard Enterprise, Oracle, Citrix, Microsoft, H3C and Inspur, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Computer Virtual Machine Software companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Computer Virtual Machine Software Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Computer Virtual Machine Software Market Segment Percentages, by Type, 2021 (%)

System Virtual Machine Software

Process Virtual Machine Software

Global Computer Virtual Machine Software Market, by Application, 2017-2022,

2023-2028 (\$ millions)

Global Computer Virtual Machine Software Market Segment Percentages, by
Application, 2021 (%)

Small Scale Enterprises

Medium Scale Enterprises

Large Scale Enterprises

Global Computer Virtual Machine Software Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global Computer Virtual Machine Software Market Segment Percentages, By Region
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Computer Virtual Machine Software revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Computer Virtual Machine Software revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

VMware

IBM

Huawei

Hewlett Packard Enterprise

Oracle

Citrix

Microsoft

H3C

Inspur

Easted

Winhong

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