

Digital KVMs Market to Reach USD 31.56 Billion by 2032 | Report by SNS Insider

The growing need for centralized management of IT infrastructure in data centers boosts the demand for digital KVMs.

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The [Digital KVMs Market](#) size was valued at USD 10.30 Billion in 2023 and is expected to reach USD 31.56 Billion by 2032 and grow at a CAGR of 13.29% over the forecast period 2024-2032.



Rising Demand for Digital KVMs Driven by IT Infrastructure Growth and Remote Management Needs

The digital KVMs market is experiencing significant growth, driven by the increasing demand for effective IT infrastructure management across industries. The rise in cloud computing, virtualization, and complex server environments has boosted the need for remote management tools like digital KVMs. In 2024, the U.S. information technology industry remains strong, especially the software industry, which exceeds USD 500 billion. Over 5 million people are employed in the IT sector, showing a 4% yearly increase in IT employment opportunities. More than 70% of American businesses have adopted cloud computing, with cybersecurity expenses expected to

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The growing need for centralized IT management and efficient server control across industries is driving the demand for Digital KVM solutions.”

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surpass USD 60 billion. As businesses expand their data processing capabilities, digital KVMs offer a cost-effective solution for managing multiple servers and network tools, reducing hardware costs and optimizing space. Key sectors such as telecommunications, IT, and manufacturing benefit from digital KVMs for managing remote systems, ensuring operational efficiency, and minimizing downtime.

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Major Players of Digital KVMs Market

Dell, Guntermann & Drunck, Adder, Raritan, Aten, D Link, Fujitsu, IBM, IHSE, KVM Switch, Lenovo, OXCA, Reton, Rextron, Rose Electronics, Schneider Electric, Smart Avi, Tripp Lite

Digital KVMs Market: 16-Port and 32-Port Switches Fuel Growth, with Industrial Sector Leading and Residential Segment Expanding Rapidly

By Type

In 2023, the 16-port switch segment led the market with a 43% share, favored by industries like data centers, IT management, and cloud service providers for managing network infrastructure and server systems. Companies like Vertiv offer advanced 16-port digital KVM switches for seamless remote server control, minimizing downtime and optimizing server efficiency while saving physical space.

The 32-port switch segment is growing rapidly with a strong CAGR from 2024 to 2032, driven by demand from large corporations and data centers. Dell Technologies, for example, provides 32-port digital KVM switches that enhance productivity and security, supporting the rise of cloud computing and big data analytics.

By Application

In 2023, the industrial sector dominated the Digital KVMs market, capturing over 41% of the share due to the high demand for secure and centralized management of multiple systems in large operations. Digital KVMs enable smooth access to devices, enhancing operational efficiency and minimizing downtime. Companies like Raritan offer specialized KVM solutions tailored for industrial environments, ensuring secure connectivity and remote troubleshooting. Meanwhile, the residential sector is expected to see the fastest growth during the forecast period, driven by the increasing adoption of smart home technologies and remote server management. Aten International, for example, provides KVM switches for tech-savvy customers managing home networks.

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Key Market Segments

BY TYPE

- 8-Port Switch
- 16-Port Switch
- 32-Port Switch

- Other

BY APPLICATION

- Industrial
- Residential
- Other

North America Leads Digital KVMs Market, Asia-Pacific Poised for Rapid Growth with IT Infrastructure Advancements

In 2023, North America dominated the Digital KVMs market with a 38% share, driven by the increasing need for enhanced data security and centralized system management. Key industries, including cloud service providers, financial institutions, and government agencies, rely heavily on digital KVM solutions to optimize operations. Prominent players such as Dell Technologies and Vertiv offer advanced KVM systems that improve data center efficiency.

Asia-Pacific is expected to experience rapid growth from 2024 to 2032, fueled by the rapid IT infrastructure development in countries like China, India, and Japan. The demand for KVMs is driven by cloud computing, digital transformation, and the adoption of AI and IoT, with companies like Aten International and Raritan expanding their offerings.

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Recent Development

- February 27, 2024: Dell introduced its Ultrasharp 34 Curved Thunderbolt Hub Monitor (U3425WE), featuring a built-in KVM for seamless switching between two PCs, 120Hz refresh rate, WQHD resolution, and extensive port options, solidifying its position as a top multitasking display.
- September 15, 2024: Adder Technology unveiled the ADDERView Matrix C-Range at IBC, a plug-and-play IP KVM matrix solution featuring simplified deployment, support for up to 256 user stations, and easy configuration for scalable and flexible use.

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