

# **U.S. Medical Computer Workstation Market Size, Share & Trends Analysis Report By Energy Source (Powered, Non-powered), By Configuration (Wall-mounted, Mobile), By Application, By Type, By End-use, By Distribution Channel, And Segment Forecasts, 2024 - 2030**

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## **Abstracts**

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### **U.S. Medical Computer Workstation Market Growth & Trends**

The U.S. medical computer workstation market size is anticipated to reach USD 1.19 billion by 2030 and expanding at a CAGR of 12.1% during the forecast period, according to a new report by Grand View Research, Inc. Rising technological advancements, increasing electronic health record (EHR) adoption, demand for point-of-care solutions, focus on healthcare efficiency and patient safety, and telemedicine expansion, are the key factors driving the medical computer workstation market.

Medical computer workstations serve as essential tools for healthcare providers to conduct telemedicine appointments, enabling video conferencing, data sharing, and real-time communication with patients. Telemedicine expansion involves remote patient monitoring (RPM) initiatives, where patients' vital signs, health data, and diagnostic information are monitored remotely. Medical computer workstations equipped with RPM capabilities enable healthcare professionals to access and review patient data in real-time, supporting proactive care management and early intervention.

Moreover, regulatory compliance, healthcare infrastructure investments, and the global

pandemic response are further shaping the growth trajectory of the medical computer workstation market. Furthermore, continuous technological innovations, such as the integration of advanced processors, high-resolution displays, touchscreen interfaces, and ergonomic designs, enhance the capabilities and usability of medical computer workstations. These advancements improve workflow efficiency, data visualization, and user experience, driving market growth.

Besides, medical computer workstations leverage AI and machine learning algorithms to analyze medical data, provide clinical decision support, and automate routine tasks, enhancing diagnostic accuracy, treatment planning, and patient outcomes. In addition, advanced security features, such as biometric authentication, encryption, and data privacy measures, ensure compliance with regulatory requirements and safeguard patient information on medical computer workstations. Thereby, such advancements are shaping the evolution and growth of the medical computer workstation market.

## U.S. Medical Computer Workstation Market Report Highlights

Based on energy source, the powered segment dominated the market with a share of 53.71% in 2023. The segment is driven by the need for continuous, reliable power supply to support critical medical applications and electronic health records.

Based on configuration, the mobile segment dominated the market with a share of 60.34% in 2023. The segment has witnessed considerable growth due to factors such as demand for point-of-care solutions, remote patient monitoring, EHR adoption, ergonomic design, and regulatory compliance are driving the growth of the mobile medical computer workstation market.

Based on application, the medication delivery segment dominated the market with a share of 29.81% in 2023, as these workstations streamline the process of medication administration. Key drivers include the need for accurate patient data access, improved workflow efficiency, and enhanced safety protocols in healthcare settings.

Based on type, the emergency carts segment dominated the market with a share of 40.72% in 2023. Emergency carts equipped with medical computer workstations are driving the market by enhancing real-time access to patient data and clinical decision support during critical situations.

In terms of end-use, the hospital segment dominated the market with a share of 35.45% in 2023, owing to the wide range of medical specialties and complex patient cases, which necessitated advanced technology solutions such as medical computer workstations to support clinical workflows, documentation, and decision-making processes.

Based on distribution channel, the IT/ CDW/ VAR-Value Added Reseller segment dominated the market with a share of 64.02% in 2023. The segment has witnessed considerable growth due to the increasing need for efficient electronic health record (EHR) management and patient data integration. These workstations enhance workflow efficiency and accuracy in clinical settings, supporting better patient outcomes and streamlined operations.

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