

North America 3D Display Market (2016-2022)

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Abstracts

The 3D display market would witness significant growth in North America. The introduction of auto stereoscopy, which eliminates the need for glasses to view 3D images will have a significant impact on the market. The innovative applications of the 3D display, especially in the smartphones would offer tremendous opportunities. Adding to the adoption in the gaming industry, the consumer electronic segment is geared to add innovative concepts to attract consumers' attention. The cost however is a major factor that would hinder the market growth.

Most commonly used technologies are DLP RPTV, PDP, OLED and LED. Among all the types, the LED's are quite popular, as they offer superior picture quality. Based on the types of displays, the market is segmented into volumetric display, holographic display, auto stereoscopic, integral imaging, stereoscopic, light field and HMD. Auto stereoscopic display is the leading technology in the market, and would remain to be a dominant segment throughout the forecast period.

Depth perception is the ability to perceive the world in three dimensionally. Multiple layers of lenses are used to reproduce the focal depth, enhancing the sense of depth perception in the 3D images and videos. Sense of the depth perception in industries such as movie and gaming would drive the 3D display market.

The report highlights the adoption of 3D Display in North America. Based on Type, the market is segmented into Volumetric, Stereoscopic and HMD. Based on Application, the market is segmented into TV, Smartphone, Monitors, Mobile computing devices, Movie Projectors, HMD (Head-Mounted Display) and Others. Based on Viewing Type, the market is segmented into Conventional/ Screen based and Micro display. The countries included in the report are U.S, Canada, Mexico and Rest of North America.

Key companies profiled in the report includes Samsung Electronics, LG Corporation,

Panasonic Corporation, Sony Corporation, Toshiba Corporation, Fujifilm Corporation, 3D Fusion, Mitsubishi Heavy Industries, Hon Hai Precision Industry and 3D Icon Corporation.

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