

DisplayPort Device Shipments to Reach 400 Million in 2014

In-Stat

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DisplayPort is the first display interface to rely on packetized data transmission similar to other data communication protocols such as Ethernet, USB, and PCI Express. DisplayPort consists of three separate but related standards: the external DisplayPort interface, as well as two internal interfaces—embedded DisplayPort (eDP) used in mobile PCs and internal DisplayPort (iDP) used in digital televisions. The external DisplayPort interface primarily connects PCs to monitors, and new In-Stat (www.in-stat.com) research forecasts that device shipments will reach 400 million in 2014. Introduced in 2008, eDP is designed to replace LVDS within mobile PCs and all-in-one (AIO) desktop PCs. eDP received a major boost in December 2010, when Intel and AMD announced that they were ending support for VGA and low-voltage differential signaling (LVDS), the primary competitors to DisplayPort and eDP in the PC market.

“Apple has been most aggressive in including DisplayPort-compatible connectors on desktop and mobile PCs in 2010 & 2011 through its adoption of the Thunderbolt port,” says Brian O'Rourke, Research Director. “PC monitor OEMs have been less aggressive, due to cost constraints, but Dell, HP, and Apple have been among the leaders in DisplayPort adoption in monitors.”

Recent research by In-Stat found the following:

- In addition to its support of external DisplayPort, Apple has also supported eDP in its notebook PCs since 2010.
- First design-ins for internal DisplayPort have been pushed out from 2011 to 2012.
- Internal DisplayPort will surpass a 9% penetration of the total consumer electronics market in 2015.
- External DisplayPort's main markets will be PCs and monitors.

This Market Alert is drawn from the In-Stat research, [DisplayPort: External DP, eDP, and iDP Impact PC, CE, and Mobile Markets \[1\]](#) (#IN1104969MI), which tracks the global market for DisplayPort-enabled devices including; mobile PCs, desktop PCs, mobile PC docking stations, aftermarket graphics cards, LCD PC monitors, business projectors, digital signage, DisplayPort Hubs, and digital televisions. Annual

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penetration of DisplayPort in each of these applications is tracked through 2015 with forecasts for:

- External DisplayPort device shipments by product segment
- eDP device shipments by product segment
- iDP device shipments by product segment

This research is part of In-Stat's Multimedia & Interface service, which identifies and forecasts the markets for key interface technologies and tracks penetration of these technologies into PCs, PC peripherals, consumer electronics, communications, automotive and industrial applications. It also examines competitors, industry agendas, technology platforms, semiconductor technology and shipments. Supply and demand-side insights are combined to examine these dynamic, evolving technologies.

Related In-Stat research:

[DVI and HDMI: DVI Won't Die and HDMI Rolls On](#) [2]

[USB 2011: SuperSpeed Comes to Market](#) [3]

[Wireless HD Video Technology: WHDI and WirelessHD Establish Market, While WiGig Establishes Specification](#) [4]

[Smartphones: A Worldwide View](#) [5]

More Information on this Research

- **Title:** DisplayPort: External DP, eDP, and iDP Impact PC, CE, and Mobile Markets
- **Service:** [Multimedia Interfaces](#) [6]
- **Product Number:** IN1104969MI
- **Publication Date:** October 2011
- **Number of Pages:** 63
- **Price:** \$3,995 USD
- [Abstract, Table of Contents, Figures & Tables](#) [7]
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