

VESA Launches Test Spec for USB-C

Written by Marco Attard
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The Video Electronics Standards Association (VESA) completes the compliance test specification (CTS) for products using the USB-C connector and the DisplayPort Alternate Mode (Alt Mode) standards.



The CTS documents allow VESA members to test products at VESA Authorised Test Centres (ATCs) worldwide, or complete self-testing and post certified product information on the VESA database. The CTS is currently undergoing final review and should be released on January 2017.

The DisplayPort Alt Mode enables a USB-C connector and single cable to deliver full DisplayPort audio/video performance, together with SuperSpeed USB data and up to 100W power. It can also drive HDMI, VGA and DVI displays, as well as multiple displays through the Multi-Stream protocol via dock or daisy-chained displays, and VR headsets.

A final addition is Adaptive Sync support for smoother, tear-free images for gaming, jitter-free video playback and lower power consumption for static desktop content and low frame rate video.

“The full spec was developed with the assistance of VESA member companies and electronics OEMs via numerous man-hours spent participating in well-attended VESA member compliance test events, called VESA PlugTest events, as well as in VESA hosted platform interoperability and test events,” VESA says. “The engineering time spent to hone the spec will yield productivity savings going forward, as the ecosystem of CTS-certified products continues to grow.”

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