The Video Electronics Standards Association (VESA) finalises version 1.4 of the DisplayPort (DP) standard-- a first major update since 2014's version 1.3 featuring Display Stream Compression (DSC) 1.2 technology.



DSC 1.2 enables display resolutions reaching 5120x2880 (5k)@60Hz wigh high dynamic range (HDR), as well as 8K (7680x4320)@60Hz in both HDR and standard modes. In addition it handles Deep Colour 120Hz 4K panels, and provides HD video with 32-channel audio.

“This significant update to the DisplayPort standard is vital to continued growth of adoption for both DP and DSC, particularly in such fast-growing markets as digital television and automotive infotainment,” VESA says. “New applications are demanding displays with better resolution, wider color gamut, and increased dynamic range. We believe the tools provided in this new DP standard release will enable a quantum leap forward in display quality, which leverage DSC compression along with transport of high-quality audio and video content.”

When will hardware with DP 1.4 support be available? Not for a while, alas-- after all, it takes time for the industry to pick up on the latest standards. For instance, video cards only started featuring HDMI 1.0 in 2006, 4 years after the standard was ratified.

Go VESA Publishes DisplayPort Standard Version 1.4