

SUNIX DisplayPort-HUB

DisplayPort 1.2 MST Support List



Product Model: DPD2001 / DPH2001 / DPU3000

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Revision History

Rev.#	Date	Originated or modified by	Description
1.0	20140717	Kayle	First Edition

Display Port 1.2 MST Support Graphics List

Intel Graphic	AMD Graphic	NVIDIA Graphic
4th Generation Intel® Core™ i3 series processor	AMD Radeon™ HD7700 series	GeForce GTX 660
4th Generation Intel® Core™ i5 series processor	AMD Radeon™ HD7800 series	GeForce GTX 660 Ti
4th Generation Intel® Core™ i7 series processor	AMD Radeon™ HD7900 series	GeForce GTX 760
	AMD Radeon™ R7 Series	GeForce GTX 770
	AMD Radeon™ R9 Series	GeForce GTX 780
		GeForce GTX 780 Ti

Note:

1. (MST) Multi-stream Transport. Transport format for transporting multiple main video streams



2. (SST) Single-Stream Transport. Transport format for transporting a single main video stream

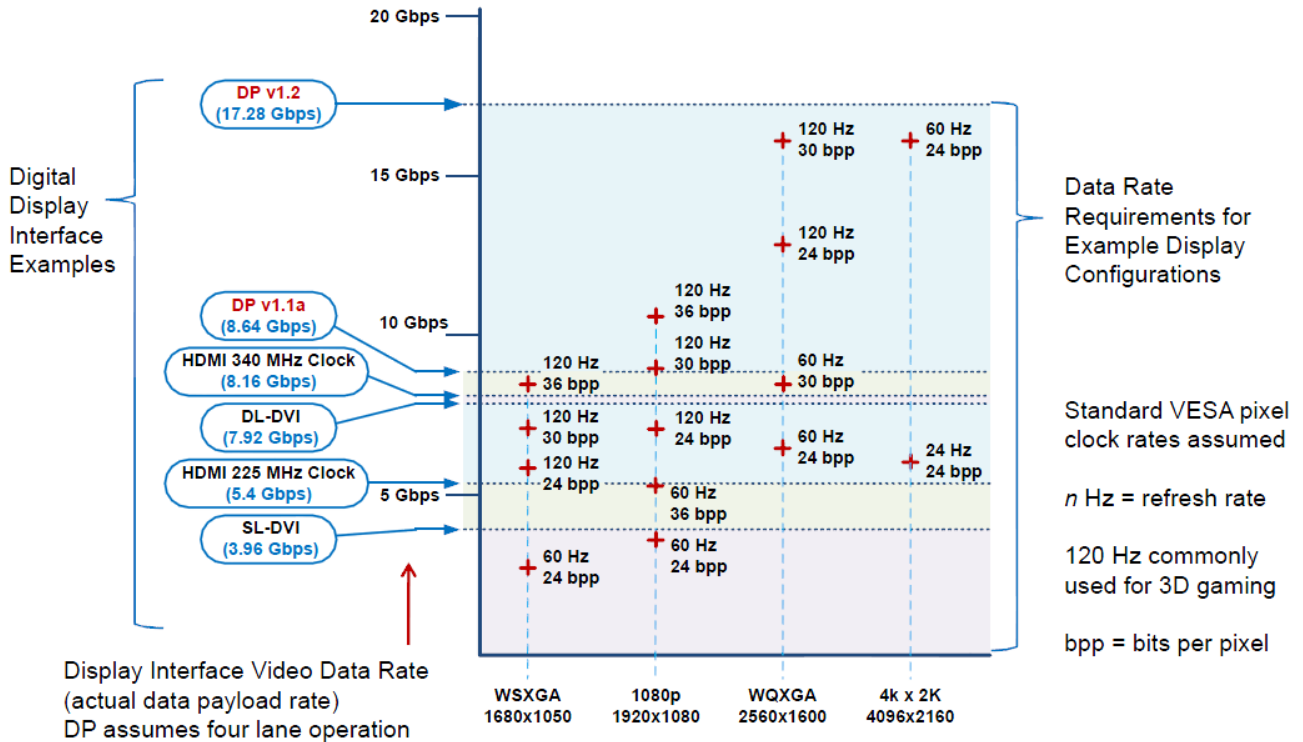


SUNIX all DisplayPort Hubs are backward compatible with DP1.1 (SST mode) SPEC.

DisplayPort 1.2 offers the higher pixel rate available, there is a limitation in how many pixels can be sent down the display pipe. The table below provides maximum monitor count vs. display resolution, based and DisplayPort 1.2 bandwidth limits. It is not required that all of the screens use the same resolution.

Display Resolution(standard 60 frames per second refresh rate)	Maximum Number of Monitors based on DisplayPort 1.2 Bandwidth
1680 x 1050 (WSXGA)	5
1920 x 1080 (1080p) or 1920 x 1200	4
2560 x 1600 (WQXGA)	2
3840 x 2160 (UltraHD, 4K) or 4096 x 2160 (4K x 2K)	1

Resolution Support vs. Interface Data Rate



Number of Monitors Supported vs. Interface Rate

