

Subject: : AmigaOS4

Topic: : RadeonHD DisplayPort

Re: RadeonHD DisplayPort

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URL:

@benny

I've got confirmation from Hans that DisplayPort is not supported.

About DVI. You already calculated that at 3440x1440@60Hz the dual link dvi is maxed out.

These are the specs of my MSI R9 270X:

DVI CONNECTORS

DL-DVI-Ix1, DL-DVI-Dx1

Max Resolution: 2560 x 1600 @60 Hz

HDMI CONNECTORS

1 (version 1.4a)

Max Resolution: 3840x2160 @30 Hz

4096x2160 @24 Hz

DISPLAYPORT

1 (version 1.2)

Max Resolution: 4096x2160 @ 50 Hz

As you can see, the product of resolution and update rate for DVI is equal to HDMI.

The displayport is clearly superior because the product of resolution and update rate is 66.7% higher. This would have enabled me to run workbench up to 3440x1440@100Hz (Depending on minimum blanking times) . It would have been a nice to have. But 3440x1440@60Hz is sufficient as well.

When the RadeonRX cards get warp3d support, I'll switch to such a card and the limitation should be gone because of hdmi 2.0b.