

MXRT-5450

Windows XP 3D PCIe Dual-DVI display controller



The MXRT-5450 is a high-performance PCIe display controller featuring AMD FirePro™ 3D technology for leading-edge performance, flexibility and reliability. The board supports DirectX and OpenGL and is compatible with Microsoft Windows® XP and Windows® 7.

High-quality 3D imaging

The MXRT-5450 display controller delivers the performance, quality, and stability required for today's 3D imaging applications in healthcare.

The powerful GPU, based on PCIe Gen2 x16 architecture, ensures ultra-fast and smooth image loading, roaming and manipulation of images with up to 5.8MP grayscale resolution.

Flexible projection configurations

The MXRT-5450 display controller is available with Barco's Conference CloneViewTM software, which enables accurate projection of medical images onto a large-screen display.

The software tool ensures effortless cloning, scaling, zooming and panning of medical images on the large screen, making Barco displays and controllers perfectly suited for use in teaching hospitals, auditoriums and (tele)conference rooms.

Product specificaties**MXRT-5450****General specifications**

Buscompatibiliteit	PCIe Gen2 x16
Energieverbruik	74 W
Vormgeving	230.53mm (L) x 98.34mm (H) single PCIe slot wide
Besturingssysteem	Windows XP -32/64-bit Windows 7 -32/64-bit
Platformen	Intel® and AMD architectures
Grafische versneller	ATI FirePro
Weergavegeheugen	1 GB GDDR5
Geheugeninterface	128-bit
Geheugenbandbreedte	64 GB/s
Pixeldiepte	32-bit pixels (supports 8-bit and 10-bit per color channel)
Elektrische standaard	Dual Link DVI complying to v1.0
Direct3D-hardwareondersteuning	Microsoft® DirectX v11.0, Vertex Shader 5.0, Pixel Shader 5.0
OpenGL-hardwareondersteuning	OpenGL 4.0
Connectoren	2-DVI-I
Ondersteunde resoluties	Up to 5.8MP grayscale at full refresh rate (VGA at boot-up)
Goedkeuringen en conformiteit	FCC Part 15 Class B, CE EN 55022 Limit B, EN 55024, UL-60950-1, BMSI CNS, CISPR-22/24, IEC609050-1, VCCI, CSA C22.2, EU RoHS directive (2002/95/EC), Certificate of Information & Communication Equipment (Republic of Korea)
Bedrijfstemperatuur	0° to 60°C (32° to 140° F)

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