MXRT-2400

Low-profile PCIe display controller for diagnostic imaging

The MXRT-2400 is a compact 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® 7. With the MXRT-2400, you can drive two 5-MegaPixel displays at full refresh rates.

Ultra-fast data transfers

The MXRT-2400 display controller is compatible with the DisplayPort interface standard, which assures easy installation and ultra-fast and reliable data transfers.

Compact form factor

Thanks to its compact factor, the MXRT-2400 offers a perfect solution for set-ups where a low-profile workstation is needed for space efficiency.

Flexible projection configurations

The MXRT-2400 display controller is available with Barco's Conference CloneView™ software, which enables accurate projection of medical images onto a large-screen display.

BARCO

Visibly yours

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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 specifications	MXRT-2400
Bus compatibility	PCIe Gen2 x16
Power consumption	43 W
Form factor	169.67mm (L) x 64.46mm (H) single PCIe slot wide
Operating system	Windows 7 - 32/64-bit Windows XP - 32/64-bit
Platforms	Intel® and AMD architectures
Graphics accelerator	ATI FirePro
Display memory	512 MB DDR3
Memory interface	64-bit
Memory interface	64-bit
Memory bandwidth	14.4 GB/s
Pixel depth	32-bit pixels (supports 8-bit and 10-bit per color channel)
Electrical standard	Dual Link DVI complying to v1.0Display Port (DP) complying to v1.1a
Direct3D hardware support	Microsoft® DirectX v11.0, Vertex Shader 5.0,Pixel Shader 5.0
OpenGL hardware support	OpenGL 4.0
Approvals and compliance	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), Certificateof Information & Communication Equipment(Republic of Korea)
Operating temperature	0° to 60°C (32° to 140° F)
Connectivity	Single-link Display Port (DP) to DVI-Iadaptor cable (1- adaptor is included)