

MXRT-5550

3D PCIe Dual-DVI display controller



The board features 2 DVI connectors, providing a solid solution for upgrades.

Barco's MXRT display controllers work wonderfully together with:

- Conference CloneView™: 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.
- DimView™: which automatically dims the auxiliary displays used for patient worklists or dictation, reducing peripheral ambient light.
- SpotView™: which enables focused observation during readings by dimming images outside a circular region of interest and boosting the luminance while enhancing the contrast in the region of interest.
- FindCursor™: which provides a method to quickly locate the cursor on a system with multiple displays.
- SingleView™: which enables the use of the entire display as one display, and eliminates any tearing down the center of the display. This simple setting works behind the scenes to make use of current PACS software seamlessly, and allows for hanging protocols in the center of the display.
- 2 DVI-I video outputs
- PCIe 3.0 compliant
- 2 GB GDDR5 display memory
- Single-wide form factor
- Powered by AMD's scalable FirePro workstation GPU

Product specificaties**MXRT-5550****General specifications**

Buscompatibiliteit	PCIe Gen3 x16
Energieverbruik	75 W
Vormgeving	184.15 mm (7.2")(L) x 111 mm (4.4") (H) single PCIe slot wide
Besturingssysteem	Windows 7 -32/64-bit Windows 8.1 -32/64-bit
Platformen	Intel® and AMD architectures
Grafische versneller	ATI FirePro™
Weergavegeheugen	2 GB GDDR5
Geheugeninterface	256-bit
Geheugenbandbreedte	102.3 GB/s
Pixeldiepte	32-bit pixels (supports 8-bit and 10-bit per color channel)
Elektrische standaard	Dual-Link DVI
Direct3D-hardwareondersteuning	Microsoft® DirectX v11.1, Vertex Shader 5.0, Pixel Shader 5.0
OpenGL-hardwareondersteuning	OpenGL 4.2
OpenCL-hardwareondersteuning	OpenCL 1.2
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, EN 55022 Limit B, EN 55024, UL-60950-1, BMSI CNS, CISPR-22/24, IEC60950-1, VCCI, CSA C22.2, EU RoHS directive (2011/65/EC), Certificate of Information & Communication Equipment (Republic of Korea)
Bedrijfstemperatuur	0° to 60°C (32° to 140° F)

Laatst bijgewerkt: 08 Jul 2024

© 2024 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer www.barco.com voor de nieuwste specificaties.