MXRT-2700

2GB small form factor display controller

- **Optimal performance**

- **Reliable longevity**

- **Guaranteed workflow support**

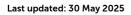**Your journey in improved workflow begins here**

The Barco MXRT-2700 graphics card delivers the essential workflow features, quality, and support to ensure radiologists can perform at their full potential. With 2GB of graphics memory driving three DisplayPort 1.4 outputs, it is the ideal solution for those looking for a cost-effective, reliable professional graphics card that can fit almost any workstation including small, power constrained systems.

Whether driving diagnostic, clinical, or auxiliary displays, the MXRT-2700 is fully functional as a main display controller or complementing a more advanced multi-head configuration. Key features include 3 ports to cover most basic display configurations, ample memory for PACS image loading, and low power requirements compatible with entry-level workstations in a small form factor for when compact size really matters.

- 2GB GDDR5 display memory

- 48 GB/s memory bandwidth

- 64-bit memory interface

- 1 DisplayPort 1.4 & 2 mini DisplayPorts 1.4 (2 mDP to DP locking adapters included)

- Maximum power consumption: <40W

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Product specifications	MXRT-2700
General specifications	
Bus compatibility	PCIe Gen3 x8
Power consumption	< 35W
Form factor	168 mm (L) x 60mm (H) single wide PCIe slot
Operating system	Windows 7 (64-bit), Windows 10 (64-bit)
Platforms	Intel® and AMD architectures
Power Connector	None
Graphics accelerator	AMD Radeon Pro™
Display memory	2GB DDR5
Memory interface	64-bit
Memory bandwidth	48 GB/s
Pixel depth	32-bit pixels (10-bit grayscale and 30-bit color)
Electrical standard	DisplayPort (DP) v1.4
Direct3D hardware support	Microsoft® DirectX v12, Vulkan® 1.1, Shader Model 5.1
OpenGL hardware support	OpenGL 4.5
Connectors	(1x) DisplayPort 1.4 (2x) Mini-DisplayPort 1.4
Approvals and compliance	FCC Part 15 Class B, CE EN 55032 Limit B, EN 55024, UL-60950-1, BMSI CNS, CISPR-32/24, IEC609050-1, VCCI, CSA C22.2, EU RoHS directive (2011/65/EU), Certificate of Information & Communication Equipment (Republic of Korea)
Connectivity	Native DisplayPort suggested DisplayPort to Single-link DVI adapter available separately (2x) Mini-DP to DP locking adapters included
Operational temperature	0° to 55°C

Last updated: 30 May 2025

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