

MXRT-4700

4GB small form factor display controller



- **Optimal performance**
- **Reliable longevity**
- **Guaranteed workflow support**

Redefining entry-level workflow

The Barco MXRT-4700 graphics card packs all the power expected from larger display controllers into a compact package capable of delivering seamless performance whether reading at the hospital or from home. With 4GB of graphics memory driving three DisplayPort 1.4 outputs, it is the ideal solution for those looking for a no-compromise, reliable professional graphics card versatile enough to drive larger resolution displays.

Accelerate your workflow application responsiveness with 512 stream processors and enable more efficient data transfers between the GPU and CPU with PCIe® 3.0 support. Key features include 3 ports to cover most basic display configurations, increased memory for larger PACS data loading, EDID emulation for multi-workstation configurations, and 30-bit color depth support in a low power, compact form factor.

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- 4GB GDDR5 display memory
- 96 GB/s memory bandwidth
- 128-bit memory interface
- 1 DisplayPort 1.4 & 2 mini DisplayPorts 1.4 (2 mDP to DP locking adapters included)
- Maximum power consumption: <50W

Product specificaties**MXRT-4700**

General specifications	
Buscompatibiliteit	PCIe Gen3 x8
Energieverbruik	< 50W
Vormgeving	168 mm (L) x 60mm (H) single wide PCIe slot
Besturingssysteem	Windows 7 (64-bit), Windows 10 (64-bit)
Platformen	Intel® and AMD architectures
Stroomconnector	None
Grafische versneller	AMD Radeon Pro™
Weergavegeheugen	4GB DDR5
Geheugeninterface	128-bit
Geheugenbandbreedte	96 GB/s
Pixeldiepte	32-bit pixels (10-bit grayscale and 30-bit color)
Elektrische standaard	DisplayPort (DP) v1.4
Direct3D-hardwareondersteuning	Microsoft® DirectX v12, Vulkan® 1.1, Shader Model 5.1
OpenGL-hardwareondersteuning	OpenGL 4.5
Connectoren	(1x) DisplayPort 1.4 (2x) Mini-DisplayPort 1.4
Connectiviteit	Native DisplayPort suggested DisplayPort to Single-link DVI adapter available separately (2x) Mini-DP to DP locking adapter included
Bedrijfstemperatuur	0° to 55°C
Goedkeuringen en conformiteit	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)

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