

MXRT-6700

8GB high-performance display controller



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

Ultimate solution for mainstream diagnostic imaging

The high-performing Barco MXRT-6700 graphics card is a versatile solution with the power and features necessary to meet most diagnostic imaging needs. With 8GB of graphics memory driving four DisplayPort v1.4 outputs, it is the ideal solution for organizations looking to standardize on one controller across their entire fleet of reading stations.

Accelerate your workflow application responsiveness with 1792 stream processors and enable more efficient data transfers between the GPU and CPU with PCIe® 3.0 support. Key features include 4 ports to cover expanded display arrays, increased memory for larger image data loading, EDID emulation for multi-workstation configurations, and Thunderbolt™ 3 compatibility for eGFX applications.

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- 8GB GDDR5 display memory
- 160 GB/s memory bandwidth
- 256-bit memory interface
- 4 DisplayPorts 1.4
- Maximum power consumption: 75W

Product specificaties**MXRT-6700**

General specifications	
Buscompatibiliteit	PCIe Gen3 x16
Energieverbruik	75 W
Vormgeving	173mm (L) x 112mm (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	8GB DDR5
Geheugeninterface	256-bit
Geheugenbandbreedte	160 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	(4x) DisplayPort 1.4
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)
Bedrijfstemperatuur	0° to 55°C
Connectiviteit	Native DisplayPort suggested DisplayPort to Single-link DVI adapter available separately

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