

MXRT-8700

16GB, future-proof display controller for GPU-intensive PACS



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

Flagship GPU for today's workflow & tomorrow's diagnostic challenges

Delivering uncompromised features, performance, and reliability, the Barco MXRT-8700 graphics card is designed to handle the most demanding diagnostic workflows and complex image data sets. Available exclusively from Barco, the platform packages 16GB of graphics memory while driving six DisplayPort 1.4 in a single PCI slot, making it the ideal solution for facilities using advanced multi-display production-level reading stations.

Accelerate your workflow application responsiveness and data transfer with 2304 stream processors, 224 GB/s memory bandwidth and PCIe® 3.0 support. Key features include industry-leading 6 display ports to cover a wide array of display configurations, 16GB DDR5 memory for larger PACS data loading, EDID emulation for multi-workstation configurations, and 30-bit color depth support.

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- 16GB GDDR5 display memory
- 224 GB/s memory bandwidth
- 256-bit memory interface
- 6 mini DisplayPorts 1.4 (4 mDP to DP locking adapters included)
- Maximum power consumption: 130W (6-pin)

Product specificaties**MXRT-8700**

General specifications	
Buscompatibiliteit	PCIe Gen3 x16
Energieverbruik	130 W
Vormgeving	241mm (L) x 112mm (H) single wide PCIe slot
Besturingssysteem	Windows 7 (64-bit), Windows 10 (64-bit)
Platformen	Intel® and AMD architectures
Stroomconnector	One 2x3 power connector
Grafische versneller	AMD Radeon Pro™
Weergavegeheugen	16GB DDR5
Geheugeninterface	256-bit
Geheugenbandbreedte	224 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	(6x) Mini-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)
Connectiviteit	Native DisplayPort suggested DisplayPort to Single-link DVI adapter available separately (4x) Mini-DP to DP locking adapters included
Bedrijfstemperatuur	0° to 55°C

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