

MXRT-4600

3D PCIe Small Form Factor Display Controller



Equipped with 2GB of ultrafast GDDR5 memory and a 128-bit memory interface, the MXRT-4600 delivers up to 72GB/s of memory bandwidth in a low-profile package compatible with most small form factor workstations. 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.

- Low-profile MXRT display controller (Low-Profile bracket included)
- 4 mini DisplayPort (DP) 1.2a video outputs
- 2 GB DDR5 display memory
- Single-wide form factor
- Powered by AMD's scalable FirePro workstation GPU

TECHNISCHE SPECIFICATIES**MXRT-4600**

Buscompatibiliteit	PCIe Gen3 x16
Energieverbruik	50 W
Vormgeving	168mm (L) x 68mm (H) Low profile single-slot form factor
Besturingssysteem	Windows 7, 32/64-bit, Windows 8.1 64-bit, Windows 10 64-bit
Platformen	Intel® and AMD architectures
Stroomconnector	None
Grafische versneller	ATI FirePro™
Weergavegeheugen	2 GB GDDR5
Geheugeninterface	128-bit
Geheugenbandbreedte	72 GB/s
Pixeldiepte	32-bit pixels (supports 8-bit and 10-bit per color channel)
Elektrische standaard	Display Port (DP) complying to v1.2a
Direct3D-hardwareondersteuning	Microsoft® DirectX v11.2, Vertex Shader 5.0, Pixel Shader 5.0
OpenGL-hardwareondersteuning	OpenGL 4.4
OpenCL-hardwareondersteuning	OpenCL 2.0
Connectoren	4-Mini DisplayPort (DP)
Ondersteunde resoluties	Up to 8MP resolution at full refresh rate (VGA at boot-up)
Goedkeuringen	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), CAN ICES-3(B)/NMB-3(B)
Milieuspecificaties	0° to 55°C
Connectiviteit	Native DisplayPort suggested Single-link DisplayPort
Beschikbaarheid	Limited regional distribution

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.