

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

SPÉCIFICATIONS TECHNIQUES**MXRT-4600**

Compatibilité bus	PCIe Gen3 x16
Consommation électrique	50 W
Version	168mm (L) x 68mm (H) Low profile single-slot form factor
Systèmes d'exploitation	Windows 7, 32/64-bit, Windows 8.1 64-bit, Windows 10 64-bit
Plateformes	Intel® and AMD architectures
Connecteur électrique	None
Accélérateur graphique	ATI FirePro™
Mémoire de page	2 GB GDDR5
Interface mémoire	128-bit
Largeur de bande mémoire	72 GB/s
Profondeur de pixel	32-bit pixels (supports 8-bit and 10-bit per color channel)
Norme électrique	Display Port (DP) complying to v1.2a
Prise en charge de matériel Direct3D	Microsoft® DirectX v11.2, Vertex Shader 5.0, Pixel Shader 5.0
Prise en charge de matériel OpenGL	OpenGL 4.4
Prise en charge du matériel OpenCL	OpenCL 2.0
Connecteurs	4-Mini DisplayPort (DP)
Résolutions prises en charge	Up to 8MP resolution at full refresh rate (VGA at boot-up)
Homologations	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)
Environnement	0° to 55°C
Connectivité	Native DisplayPort suggested Single-link DisplayPort
Disponibilité	Limited regional distribution

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.