

# 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

## 技术规格

## MXRT-4600

### 一般规格

总线兼容性	PCIe Gen3 x16
功率消耗	50 W
波形因数	168mm (L) x 68mm (H) Low profile single-slot form factor
操作系统	Windows 7, 32/64-bit, Windows 8.1 64-bit, Windows 10 64-bit
平台	Intel® and AMD architectures
电源连接器	None
图形加速器	ATI FirePro™
图像内存	2 GB GDDR5
内存接口	128-bit
内存带宽	72 GB/s
像素深度	32-bit pixels (supports 8-bit and 10-bit per color channel)
电子标准	Display Port (DP) complying to v1.2a
Direct3D 硬件支持	Microsoft® DirectX v11.2, Vertex Shader 5.0, Pixel Shader 5.0
OpenGL 硬件支持	OpenGL 4.4
OpenCL 硬件支持	OpenCL 2.0
连接器	4-Mini DisplayPort (DP)
支持分辨率	Up to 8MP resolution at full refresh rate (VGA at boot-up)
认证	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)
环境	0° to 55°C
连接性	Native DisplayPort suggested Single-link DisplayPort
可用性	Limited regional distribution

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