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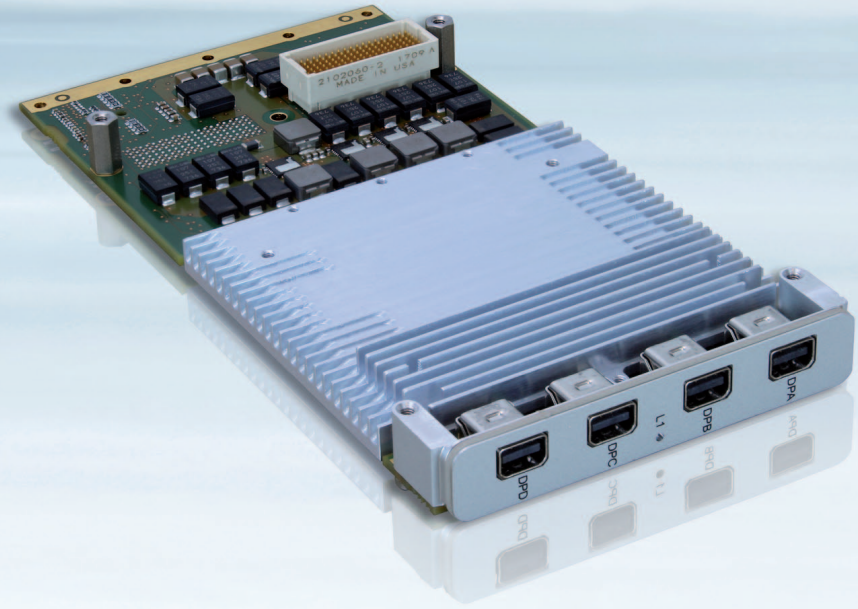
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Find the *Kontron XMC-GPU91* at our website: ***Click HERE***

# XMC-GPU91




## MULTI-HEAD GRAPHICS & GPGPU MEZZANINE CARD

### Designed for High Performance Multi-Head Display & Co-Processing

- AMD Embedded Radeon™ E9171 Power-Efficient GPU
- 4 GB GDDR5 128-bit width memory
- 4x DP++ DisplayPorts 1.4 front or rear P6 connectors
- 1.25 GFlops / 40 W Class processing with OpenCL™ 2.0 support
- 8x PCIe XMC VITA 42 and XMC 2.0 VITA 61 build options
- Long Term Availability and Support

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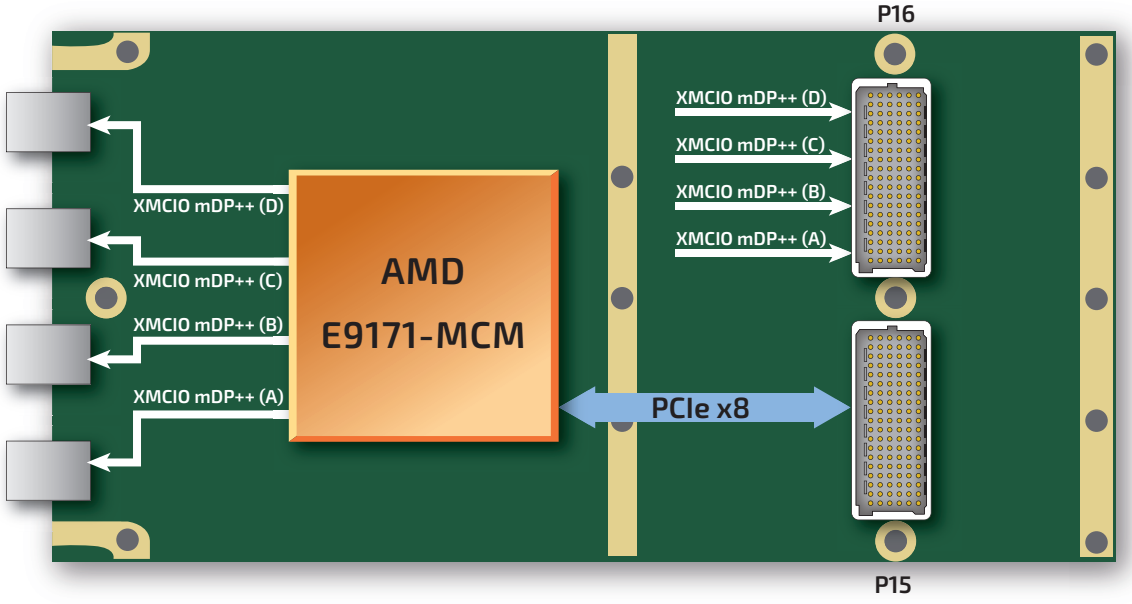
# XMC-GPU91 MULTI-HEAD GRAPHICS & GPGPU MEZZANINE CARD

The XMC-GPU91 is a new generation versatile GPGPU XMC Mezzanine Card which features the latest AMD Embedded Radeon™ E9171 Power-Efficient GPU. Available in legacy 10 mm stack VITA 42 XMC compliant, the XMC-GPU91 can be used on a 0.8'' VME or CompactPCI carrier as a high performance multi-head display controller. The support of the PCI-Express 3.0 and the 12 mm height stacking of the VITA 61 XMC 2.0 compliant built of the XMC-GPU91 leverages an Intel Xeon-D Single Board Computer in an efficient CPU-GPGPU processing blade.

## ▶ TECHNICAL INFORMATION

| | |
|---|---|
| GPU | AMD Embedded Radeon™ E9171<br>AMD 7-y GPU Availability<br>14nm FinFET "Polaris" architecture<br>Eight Compute Units; 1.2 TFLOPS Class |
| GRAPHICS MEMORY | 4 GB GDDR5 SDRAM |
| OUTPUT BUILD OPTIONS | XMC I/O output to P16<br>Front I/O miniDP |
| GPU DIGITAL OUTPUTS | 4 channels, DP++ DisplayPort1.4<br>Single-link HDMI and DVI support using DisplayPort cabling |
| FORM FACTOR | XMC (VITA 42) 10 mm stack<br>XMC 2.0 (VITA 61) 12 mm stack |

## XMC-GPU91 BLOCK DIAGRAM




## ▶ CORPORATE OFFICES


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