



## Performance MXM Module E290MF-TK

### Main Features

- ▶ AMD Radeon R9 M290X
- ▶ Supports DX11.2, OpenGL 4.4, Shader Model 5.0
- ▶ MXM 3.0 Type B
- ▶ Support for 6 outputs
- ▶ 256-bit width, 4GB, GDDR5 Memory

### Specification

<b>Graphics Engine</b>	AMD Radeon R9 M290X
<b>Process technology</b>	28 nm
<b>Engine Clock (max)</b>	850 MHz
<b>Graphics Memory</b>	256-bit, 4 GB, GDDR5
<b>Memory Clock (max)</b>	1250 MHz / 5.0 Gbps
<b>MXM type</b>	MXM 3.0 , Type B
<b>Bus Interface</b>	PCI Express® 3.0 (x16)
<b>Shader Processing Units</b>	1280 Shaders
<b>Floating Point Performance</b>	2176 GFLOPs
<b>DirectX® Capability</b>	DirectX® 11.2
<b>OpenGL™</b>	OpenGL 4.4
<b>OpenCL™</b>	OpenCL 1.2
<b>Unified Video Decoder (UVD)</b>	UVD 4 for H.264, VC-1, MPEG-2 MPEG-4 part 2 decode
<b>Power Consumption</b>	<77 W
<b>Operating Temperature</b>	0°C ~ 55°C
<b>Dimension</b>	82 x 105 mm

\*Output vBIOS depends on customized MB design

The product specifications are subject to change without notice.