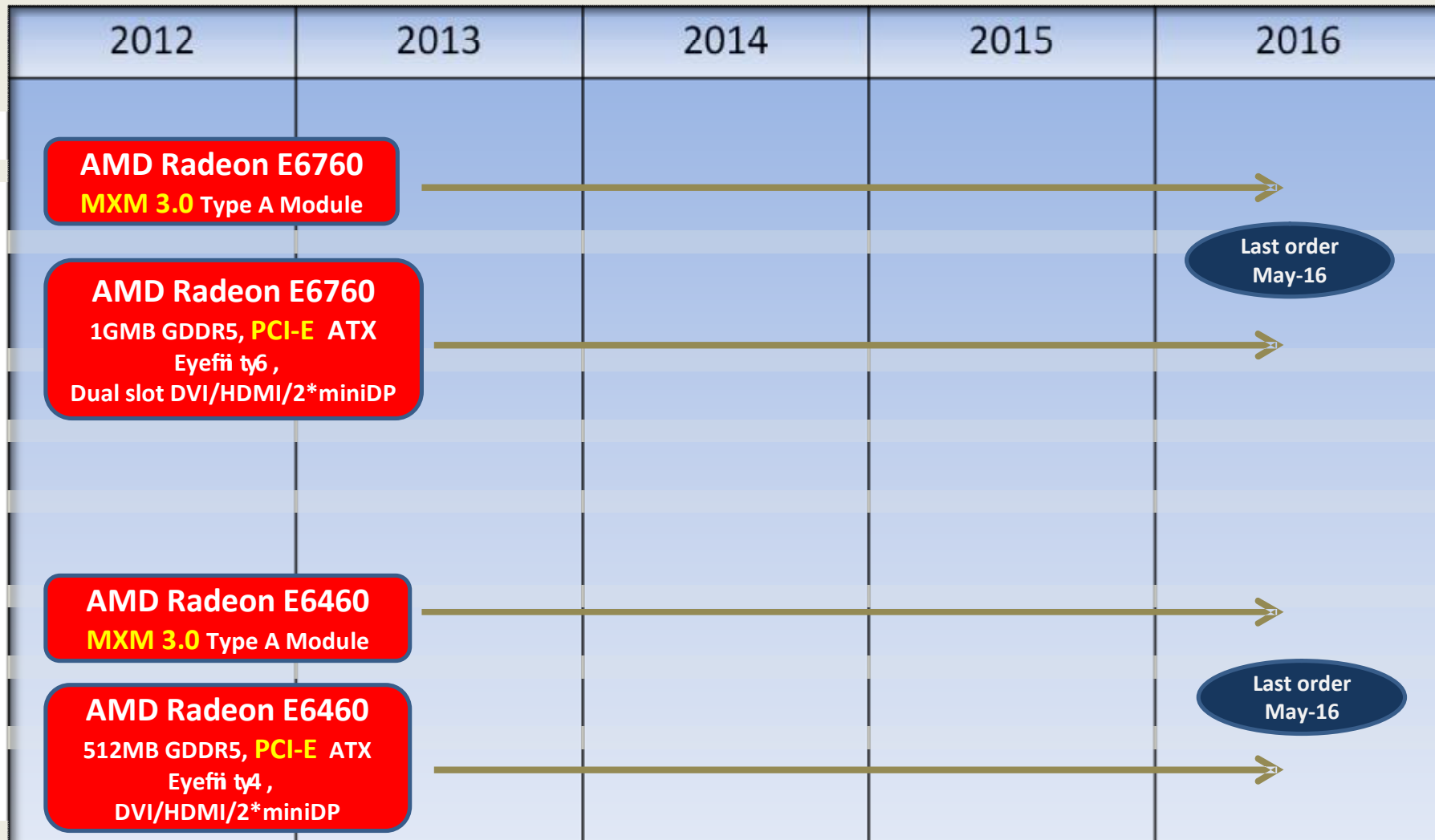


AMD EMBEDDED PCIe® ADD-IN BOARD Comparison

	AMD Radeon™ E6460	AMD Radeon™ E6760
Graphics Processing Unit		
Process Technology	40 nm	40 nm
Graphics Engine Operating Frequency (max)	600 MHz	600 MHz
CPU Interface	PCI Express® 2.1 (x1, x2, x4, x8, x16)	PCI Express® 2.1 (x1, x2, x4, x8, x16)
Shader Processing Units	2 SIMD engines x 80 processing elements = 160 shaders	6 SIMD engines x 80 processing elements = 480 shaders
Floating Point Performance (single precision, peak)	192 GFLOPs	576 GFLOPs
DirectX® capability	DirectX® 11	DirectX® 11
Shader Model	Shader Model 5.0	Shader Model 5.0
OpenGL	OpenGL 4.1	OpenGL 4.1
OpenCL™ compliant	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11
Unified Video Decoder (UVD)	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode
Memory		
Operating Frequency (max)	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps
Configuration, type	64-bit wide, 512 MB, GDDR5, 25.6 GB/s	128-bit wide, 1 GB, GDDR5, 51.2 GB/s
Display Interfaces		
Single / Dual-Link DVI	Single-Link DVI-I	Dual-Link DVI-I + Single-Link DVI-D
DisplayPort 1.1a/2.0	2X	2X
HDMI	1x HDMI 1.4a	1x HDMI 1.4a

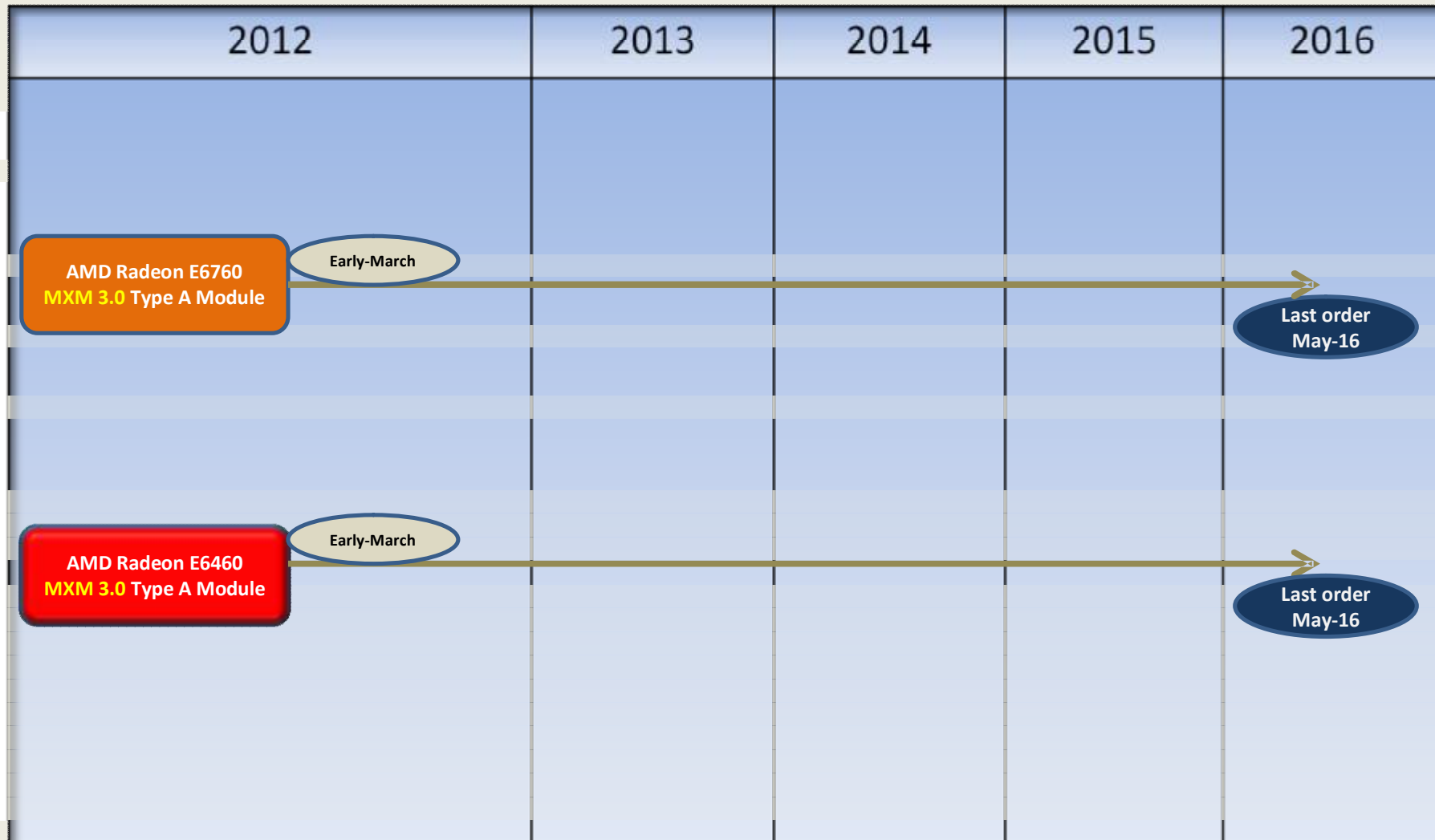
EMBEDDED PCIe® ADD-IN BOARD and MXM MODULE ROADMAP

5+ year planned availability



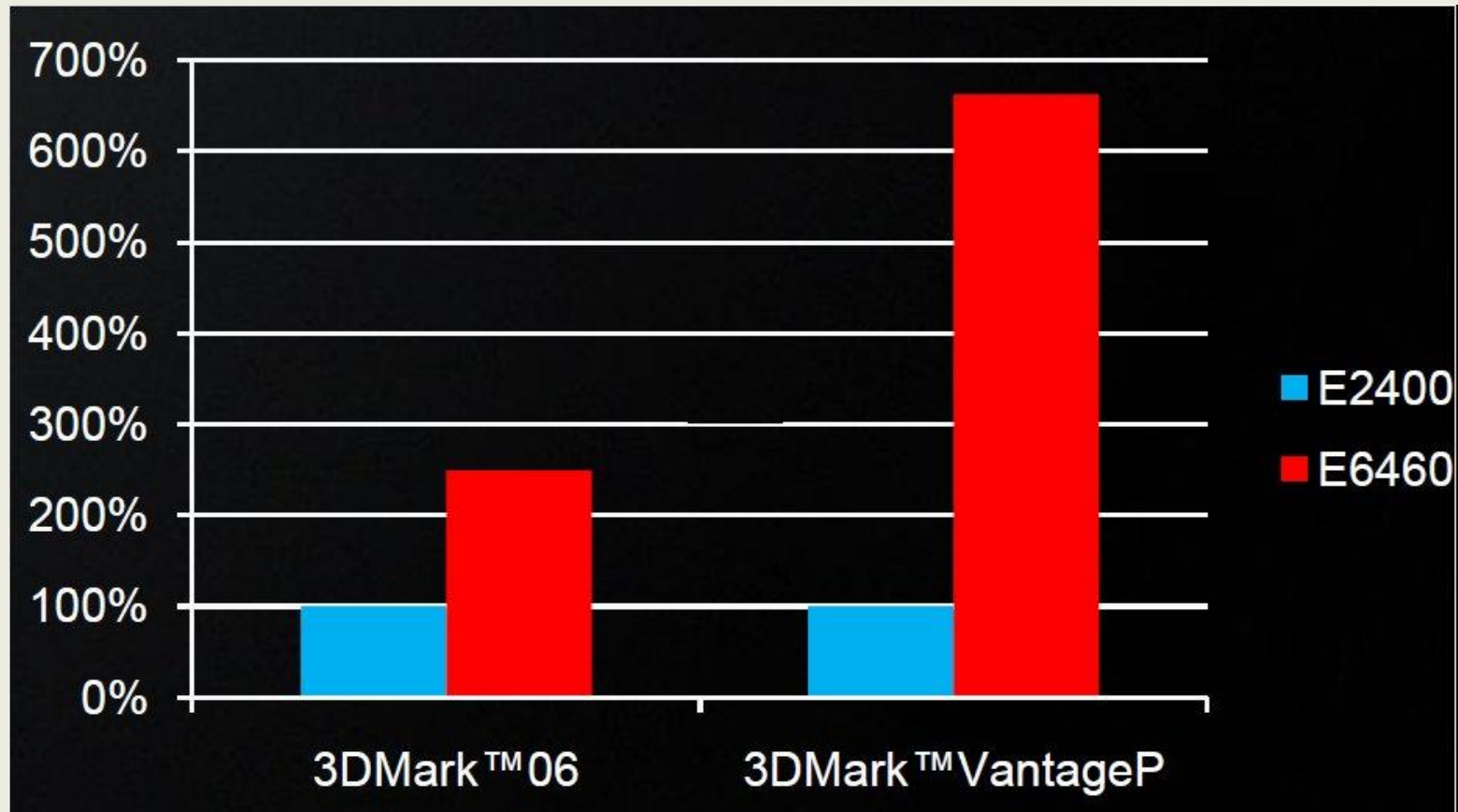
EMBEDDED MXM MODULE ROADMAP

5+ year planned availability



Relative Performance

AMD Radon E2400 vs.E6460 GPU

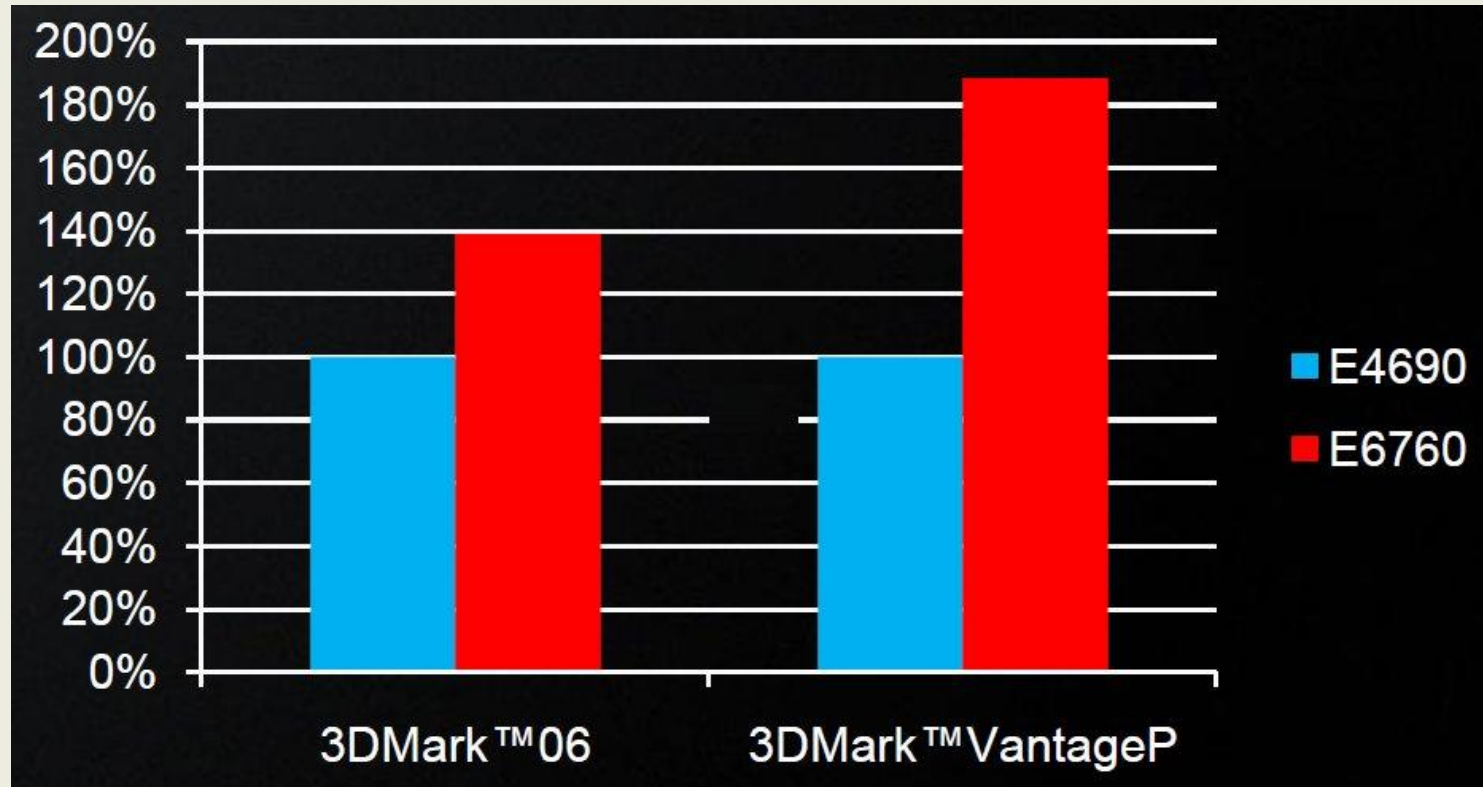


Improved Entry-Level Desktop Performance

- 3DMark™ VantageP score of 2285 (600e/3.2Gbps)
- 3DMark™ 06 score 4692 (600e/3.2Gbps)
- TDP 20W

Relative Performance

AMD Radon E4690 vx.E6760 GPU



Improved Mid-Range Desktop Performance

3DMark™Vantage score of P53631(600e/3.2Gbps)

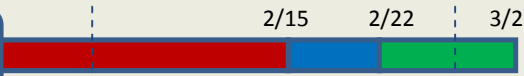
3DMark™06 score 94871(600e/3.2Gbps)

TDP 35W

Current Product Schedule

E6760

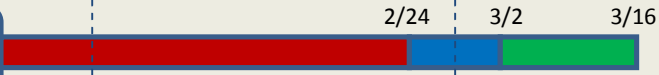
ER93F
Radeon E6760
ATX PCIe



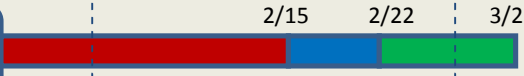
ER93KLY
Radeon E6760
LP PCIe



ER93KZ
Radeon E6760
ATX PCIe

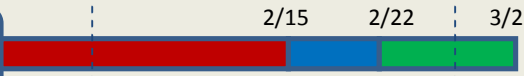


EM93F
Radeon E6760
MXM 3.0 Type A



E6460

ER91F
Radeon E6460
ATX PCIe



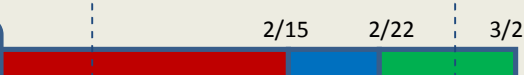
ER91KLY
Radeon E6460
LP PCIe



ER91KZ
Radeon E6460
ATX PCIe



ER93F
Radeon E6460
MXM 3.0 Type A



- EVT sample
- PVT sample
- Qualification

Specification of E6460 & E6760 PCI-E Series

PCI-Express Card	(AMD Radeon™ E6460)			(AMD Radeon™ E6760)		
Module Number	ER91F	ER91KLY	ER91KZ	ER93F	ER93KLY	ER93KZ
Graphics Processing Unit						
Process Technology	40 nm	40 nm	40 nm	40 nm	40 nm	40 nm
Graphics Engine Operating Frequency (max)	600 MHz	600 MHz	600 MHz	600 MHz	600 MHz	600 MHz
Form Factor	ATX (168 x 110 mm)	Low profile (168 x 68.9 mm)	ATX (168 X 94.9 mm)	ATX (168 x 110 mm)	Low profile (168 x 68.9 mm)	ATX (168 X 94.9 mm)
GPU Interface	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)
Shader Processing Units	2 SIMD engines x 80 processing elements = 160 shaders	2 SIMD engines x 80 processing elements = 160 shaders	2 SIMD engines x 80 processing elements = 160 shaders	6 SIMD engines x 80 processing elements = 480 shaders	6 SIMD engines x 80 processing elements = 480 shaders	6 SIMD engines x 80 processing elements = 480 shaders
Floating Point Performance (single precision, peak)	192 GFLOPs	192 GFLOPs	192 GFLOPs	576 GFLOPs	576 GFLOPs	576 GFLOPs
DirectX® capability	DirectX® 11	DirectX® 11	DirectX® 11	DirectX® 11	DirectX® 11	DirectX® 11
Shader Model	Shader Model 5.0	Shader Model 5.0	Shader Model 5.0	Shader Model 5.0	Shader Model 5.0	Shader Model 5.0
OpenGL	OpenGL 4.1	OpenGL 4.1	OpenGL 4.1	OpenGL 4.1	OpenGL 4.1	OpenGL 4.1
OpenCL™ compliant	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11
Unified Video Decoder (UVD)	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode
Memory						
Operating Frequency (max)	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps
Configuration, type	64-bit wide, 512 MB, GDDR5, 25.6 GB/s	64-bit wide, 512 MB, GDDR5, 25.6 GB/s	64-bit wide, 512 MB, GDDR5, 25.6 GB/s	128-bit wide, 1 GB, GDDR5, 51.2 GB/s	128-bit wide, 1 GB, GDDR5, 51.2 GB/s	128-bit wide, 1 GB, GDDR5, 51.2 GB/s
Display Interfaces						
Single / Dual-Link DVI	Single-Link DVI-I			Dual-Link DVI-I, Single-Link DVI-D		
DisplayPort 1.1a/2.0	Display port X 2	Mini Display Port X 3	Mini Display Port X 4	Mini Display Port X 2	Mini Display Port X 3	Mini Display Port X 6
HDMI	1x HDMI		www.pcidv.com	1x HDMI		

Specification of E6460 & E6760 MXM Series

MXM Module	(AMD Radeon™ E6460)	(AMD Radeon™ E6760)
Module Number	EM91F	EM93F
Graphics Processing Unit		
Process Technology	40 nm	40 nm
Graphics Engine Operating Frequency (max)	600 MHz	600 MHz
MXM type	MXM 3.0, Type A	MXM 3.0, Type A
CPU Interface	PCI Express® 2.1 (X16)	PCI Express® 2.1 (X16)
Shader Processing Units	2 SIMD engines x 80 processing elements = 160 shaders	6 SIMD engines x 80 processing elements = 480 shaders
Floating Point Performance (single precision, peak)	192 GFLOPs	576 GFLOPs
DirectX® capability	DirectX® 11	DirectX® 11
Shader Model	Shader Model 5.0	Shader Model 5.0
OpenGL	OpenGL 4.1	OpenGL 4.1
OpenCL™ compliant	AMD APP8, OpenCL™ 1.19, DirectCompute 11	AMD APP8, OpenCL™ 1.19, DirectCompute 11
Unified Video Decoder (UVD)	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode	UVD3 for H.264, VC-1, MPEG-2, MPEG-4 part 2 decode
Memory		
Operating Frequency (max)	800 MHz / 3.2 Gbps	800 MHz / 3.2 Gbps
Configuration, type	64-bit wide, 512 MB, GDDR5, 25.6 GB/s	128-bit wide, 1 GB, GDDR5, 51.2 GB/s