

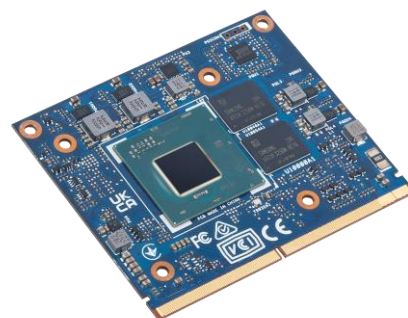
## Mobile PCI Express Modules with Intel® Discrete GPUs

# MXM-M23A

Embedded MXM GPU Type A Modules with Intel® Arc™ A-series graphics

## Features

- Intel® Arc™ A-series discrete GPU with up to 8 X<sup>e</sup>-Cores
- Standard MXM 3.1 Type A form factor (82mm x 70mm)
- 4GB GDDR6 memory, 64-bit
- PCIe Gen4 x8 interface
- Support up to 4 DisplayPort 4K@ 60Hz
- Support OpenVINO, Intel® Deep Link
- DirectX12 Ultimate, OpenGL 4.6, OpenCL 3.0, AV1, H.264/H.265 (HEVC)



## Specifications



Model Name	MXM-M23A-M7	MXM-M23A-M5
<b>Graphic Core</b>		
GPU	Intel® Arc™ A370M	Intel® Arc™ A350M
Memory	4GB GDDR6, 112GB/s, 64-bit	
<b>GPGPU Computing</b>		
X <sup>e</sup> -Cores	8	6
Matrix Engines (XMX)	128	96
Vector engines (XVE)	128	96
Graphics Engine	DX12 Ultimate, OpenGL 4.6, OpenCL 3.0, AV1, H.264/H.265 (HEVC)	
<b>Display</b>		
Display Outputs	4x DisplayPort 1.4 (Optional 4x HDMI 2.0*)	
Interface	MXM 3.1, PCIe 4.0 x8 support	
<b>Mechanicals</b>		
Dimensions	82 (W) x 70 (D) x 6.2 (H) mm	
Form Factor	Standard MXM 3.1 Type A	
<b>Environmental</b>		
Operating Temp.	Standard: 0°C to 55°C	
Storage Temp.	-40°C to 85°C	
Power Consumption	35W - 50W TGP	25W - 35W TGP
<b>SW Support</b>		
OS Support	Windows 11, 10 64-bit, Ubuntu 22.04 LTS	

\*For optional HDMI support, please contact ASUS IoT