

A New Era of  
Professional  
Graphics

# MXM-AXe

MXM 3.1 Type A based on Intel® Arc™ GPU



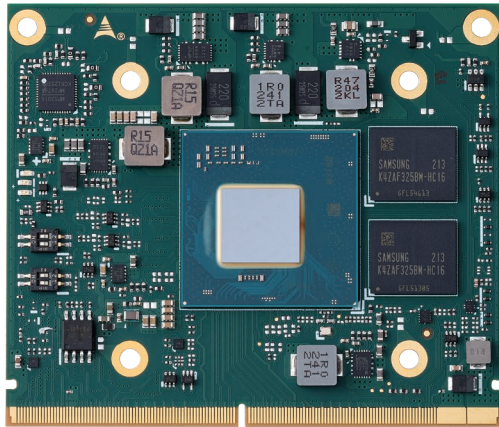
With built-in ray tracing hardware, graphics acceleration, and machine learning capabilities, the ADLINK MXM-AXe module unites fluid viewports, the latest in visual technologies, and rich content creation all packed within a single form factor.

- Up to 4x Displays, with Audio and Dolby Vision® Support
- Ray Tracing Hardware Acceleration
- Dedicated AI Acceleration
- Industry First AV1 Hardware Encode
- 4GB High Speed Memory

 [adlinktech.com/en/MXM-AXe](https://adlinktech.com/en/MXM-AXe)

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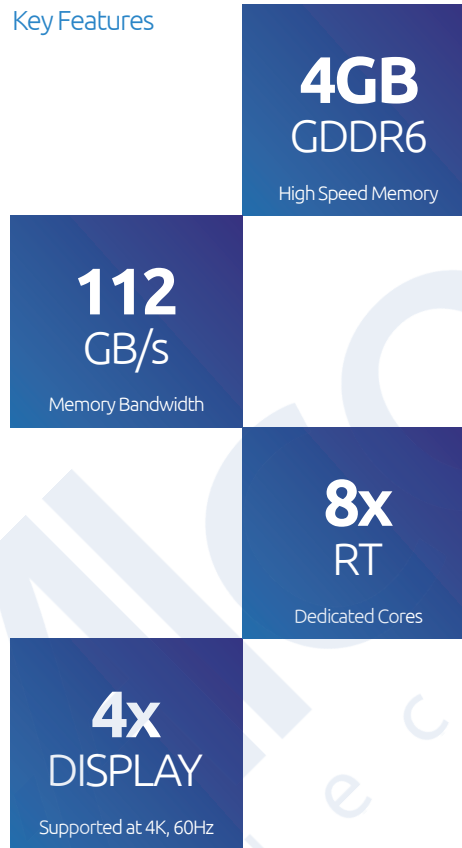
# A New Era of Professional Graphics



As a Titanium partner of Intel, ADLINK has always been one of the pioneers in delivering Intel-powered modular solutions in the embedded world. This time, ADLINK integrates Intel's latest line of powerful, discrete graphics — Intel® ARC — on the embedded MXM form factor. It leverages Intel's well-established graphics ecosystems, such as OpenVINO™ for AI, Intel® OneAPI management tools, that edge developers have enjoyed and relied on for years.

This isn't a mere new line of GPUs, but one that makes your migration from integrated to discrete graphics seamless and fully transparent.

## Key Features



## Intel GPU Architecture

X<sup>e</sup> HPG microarchitecture is engineered from the ground-up to deliver high performance, efficiency, and scalability for creators and professional workloads.

- New X<sup>e</sup>-cores with built-in XMMAI capabilities
- Advanced 3D acceleration hardware
- Ray Tracing Units

## ADLINK MXM-AXe

### Specifications

|                       |  |   |
|-----------------------|--|---|
| PERFORMANCE           | Ray Trace (RT) Cores                     | Up to 8 Xe Cores  |
|                       | Execution Units (EU)                     | Up to 128x  |
|                       | XMMAI Cores                              | Yes   |
| MEMORY                | PCIe® Support                            | Gen4 x8 with 3.0 Backwards Compatibility  |
|                       | Dedicated Memory                         | 4GB of GDDR6  |
|                       | Bandwidth                                | 112 GB/s  |
|                       | Interface                                | 64-bit  |
| DISPLAY               | Outputs                                  | 4x DP2.0 or HDMI2.1   |
|                       | Support (HDR enabled)                    | 4x 3840x2160 (4K UHD, 60Hz)   |
|                       |  | 2x 5120x2880 (5K UHD, 120Hz)  |
|                       |  | 2x 7680x4320 (8K UHD, 60Hz)   |
|                       | 1x 5120x1440 (5K Ultrawide, WUHD, 240Hz) |   |
| HARDWARE ACCELERATION | Decode                                   | VC, VC1, MPEG2, HEVC-10bit, VP9, JPEG   |
|                       | Encode                                   | AV1, AVC, MPEG2, HEVC, VP   |
|                       | Ray Trace                                | Yes   |
|                       | AI Engine                                | Yes   |
|                       | VR Ready                                 | Yes   |
| POWER                 | Consumption                              | A370M 35-50W TGP  |
|                       |  | A350M 25-35W TGP  |
| GENERAL               | Form Factor                              | MXM Type A (82mm x 70mm)  |
|                       | OS Support                               | Microsoft Windows 11 / Windows 10   |
| Ordering Information  | MXM-AXe-A370M                            | MXM 3.1 Type A Intel® ARC™ A370M Graphics at 35-50W, 4GB GDDR6, 4x DP2.0 or HDMI2.1 |
|                       | MXM-AXe-A350M                            | MXM 3.1 Type A Intel® ARC™ A350M Graphics at 25-35W, 4GB GDDR6, 4x DP2.0 or HDMI2.1 |