ADLINK
® Leading EDGE COMPUTING

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

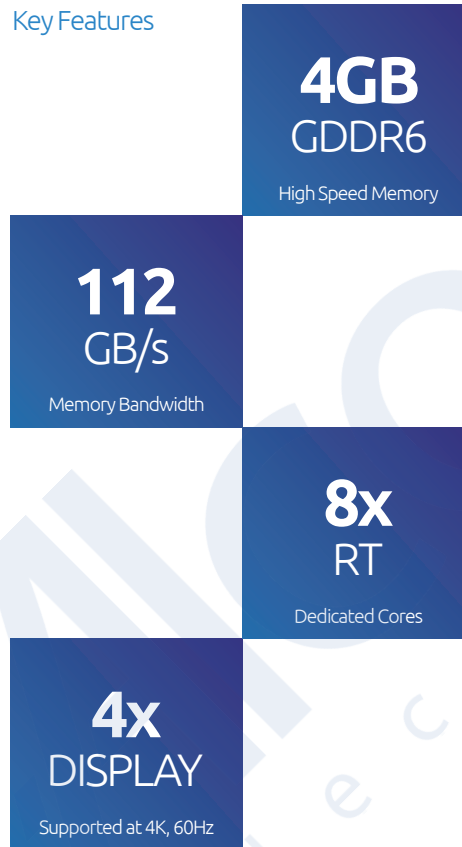intel. partner   Titanium IoT Solutions

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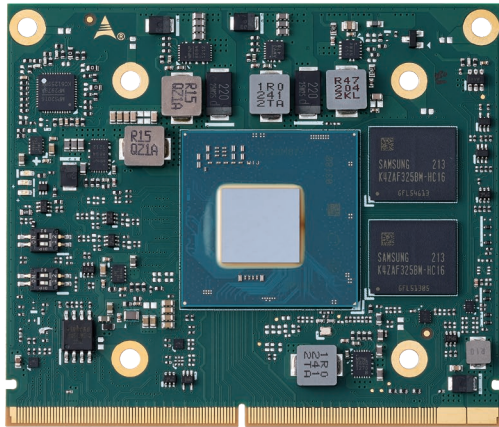
As a Titanium partner of Intel, ADLINK has always been one of the pioneers in delivering Intel-powered modular solutions in the embedded world. This time, ADLINK integrates Intel's latest line of powerful, discrete graphics — Intel® ARC — on the embedded MXM form factor. It leverages Intel's well-established 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

4GB
GDDR6
High Speed Memory

112 GB/s
Memory Bandwidth

8x RT
Dedicated Cores

4x DISPLAY
Supported at 4K, 60Hz

Intel GPU Architecture

Xᵉ HPG microarchitecture is engineered from the ground-up to deliver high performance, efficiency, and scalability for creators and professional workloads.

- New Xᵉ-cores with built-in XMX AI 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
	XMX AI 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