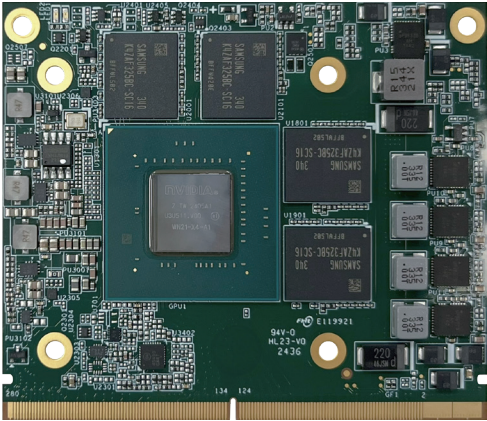


MXM-AD2000

NVIDIA Embedded RTX AD2000 MXM Type A, 8G, 60W Kit with Heatsink and Thermal Pad

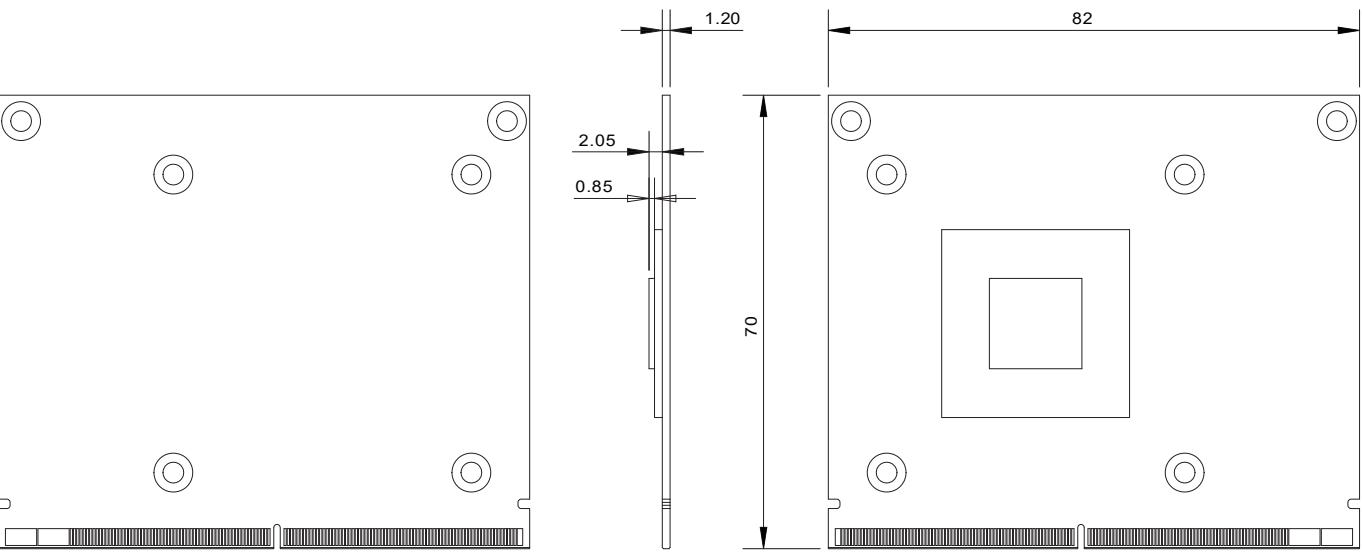


- NVIDIA® RTX™ AD2000 Embedded Graphics
- Standard MXM 3.1 Type A Form Factor (82 x 70 mm)
- 3072 NVIDIA® CUDA® Cores, 24 RT cores, and 96 Tensor cores
- 14.5 TFLOPS Peak FP32 Performance
- PCIe Gen 4 x8 interface
- 5-year Availability

Specifications

GPU	▪ NVIDIA RTX™ 2000 ADA AD107-975 GPU
Memory	▪ 8GB GDDR6 memory, 128-bit (Bandwidth: 256 GB/s)
CUDA Cores	▪ 3072 CUDA cores, 14.5 TFLOPS peak FP32 performance
Tensor Cores	▪ 96 Tensor Cores
RT Cores	▪ 24 RT Cores
Compute API	▪ CUDA® Toolkit 8.0 and above, CUDA® Compute version 8 and above, OpenCL™ 1.2
Graphics API	▪ DirectX® 12.1, OpenGL® 4.6
Display Outputs	▪ 3x DisplayPort 1.4a digital video outputs, 4K at 120Hz or 8K at 60Hz with 10-bit color depth
Interface	▪ MXM 3.1, PCI Express Gen4 x8 support
Dimensions	▪ 82 (W) x 70 (D) x 4.8 (H) mm
Form Factor	▪ Standard MXM 3.1 Type A
Power Consumption	▪ 60W
OS Support	▪ Windows 11, Windows 10 & Linux support by project

Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
MXM-AD2000-R10	NVIDIA Embedded RTX AD2000 MXM Type A, 8G, 60W Kit with Heatsink and Thermal Pad

Package Checklist

• NVIDIA RTX™ Embedded AD2000 GPU Card x 1	• GPU Heatsink x 1
• GPU Thermal Pad Kit x 1	• Screw Pack x 1

Optional MXM Heat Sink Kit

Model No.	Description
MXM-HSKA-02	MXM Type A Heatsink Kit for MXM-A1000, MXM-A2000, and MXM-AD2000

* The MXM module kit includes a heat sink and thermal pads. The MXM Heat Sink Kit is intended for cases where an additional standalone heat sink and thermal pads are required.