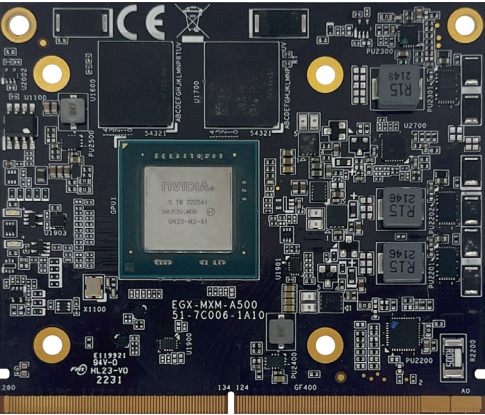# MXM-A500

NVIDIA Embedded RTX A500 MXM Type A, 4G, 40W Kit with Heatsink and Thermal Pad
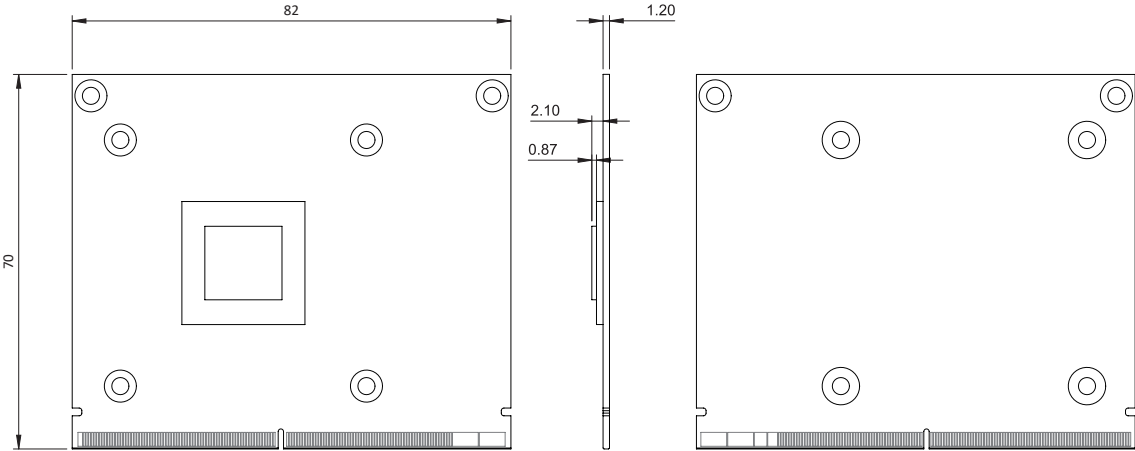


- NVIDIA® RTX™ A500 Embedded Graphics
- Standard MXM 3.1 Type A Form Factor (82 x 70 mm)
- 2048 NVIDIA® CUDA® Cores, 16 RT cores, and 64 Tensor cores
- 6.54 TFLOPS Peak FP32 Performance
- PCIe Gen 4 x4 interface
- 5-year Availability

## Specifications

| | |
|---|---|
| GPU | • NVIDIA RTX™ A500 GA107-950 GPU |
| Memory | • 4GB GDDR6 memory, 64-bit (Bandwidth: 96 GB/s) |
| CUDA Cores | • 2048 CUDA cores, 6.54 TFLOPS peak FP32 performance |
| Tensor Cores | • 64 Tensor Cores |
| RT Cores | • 16 RT Cores |
| Compute API | • CUDA Compute 8.0 and above, OpenCL™ 1.2 |
| Graphics API | • DirectX® 12, OpenGL 4.6 |
| Display Outputs | • N/A |
| Interface | • MXM 3.1, PCI Express Gen4 x4 support |
| Dimensions | • 82 (W) x 70 (D) x 4.8 (H) mm |
| Form Factor | • Standard MXM 3.1 Type A |
| Power Consumption | • 40W |
| OS Support | • Windows 11, Windows 10 & Linux support by project |

## ■ Dimensions



**Unit: mm**

## ■ Ordering Information

### Available Models

| Model No. | Description |
| --- | --- |
| MXM-A500-R10 | NVIDIA Embedded RTX A500 MXM Type A, 4G, 40W Kit with Heatsink and Thermal Pad |

### Package Checklist

- NVIDIA RTX™ Embedded A500 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-01 | MXM Type A Heatsink Kit for MXM-A500 |

\* 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.