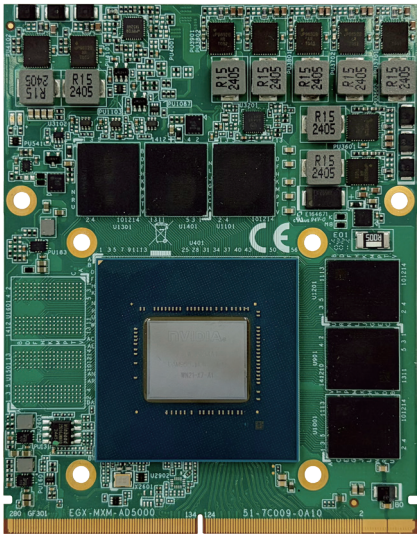
MXM-AD3500

NVIDIA Embedded RTX AD3500 MXM Type B, 12G, 80W Kit with Heatsink and Thermal Pad

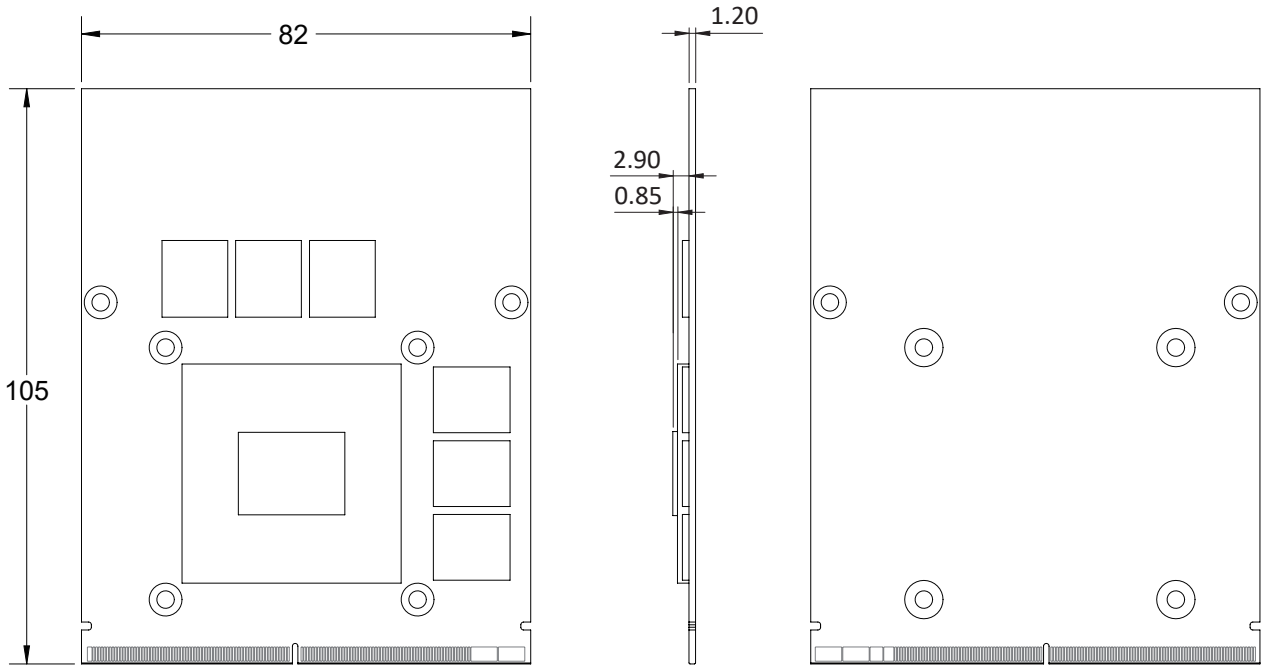


- NVIDIA® RTX™ AD3500 Embedded Graphics
- Standard MXM 3.1 Type B Form Factor (82 x 105 mm)
- 5120 NVIDIA® CUDA® Cores, 40 RT cores, and 160 Tensor cores
- 23 TFLOPS Peak FP32 Performance
- PCIe Gen 4 x16 interface
- 5-year Availability

Specifications

GPU	▪ NVIDIA RTX™ 3500 ADA AD104-925 GPU
Memory	▪ 12GB GDDR6 memory, 192-bit (Bandwidth: 432 GB/s)
CUDA Cores	▪ 5120 CUDA cores, 23 TFLOPS peak FP32 performance
Tensor Cores	▪ 160 Tensor Cores
RT Cores	▪ 40 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	▪ 4x DP 1.4a, HDMI® 2.1, 4K at 120Hz or 8K at 60Hz with 10-bit color depth
Interface	▪ MXM 3.1, PCI Express Gen4 x16 support
Dimensions	▪ 82 (W) x 105 (D) x 4.8 (H) mm
Form Factor	▪ Standard MXM 3.1 Type B
Power Consumption	▪ 80W
OS Support	▪ Windows 11, Windows 10 & Linux support by project

Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
MXM-AD3500-R10	NVIDIA Embedded RTX AD3500 MXM Type B, 12G, 80W Kit with Heatsink and Thermal Pad

Package Checklist

▪ NVIDIA RTX™ Embedded AD3500 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-HSKB-03	MXM Type B Heatsink Kit for MXM-AD3500 & MXM-AD5000

* 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.

Updated: Sep. 30, 2026

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