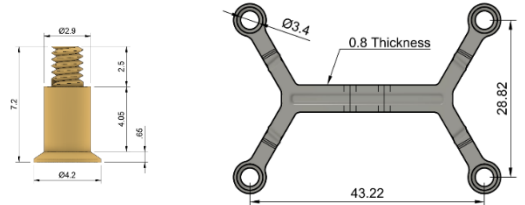


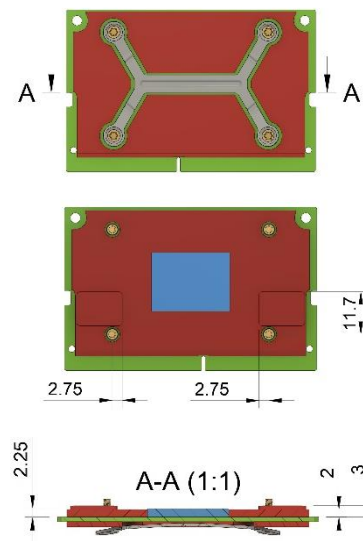
Heatsink / Heatspreader / Leaf spring

The Xavier NX leaf spring kits for secure mounting of cooling solutions. This ensures optimal thermal interface while minimizing the risk of damaging the module.



Implementation guidelines

- Refer to Nvidia Jetson Xavier NX Thermal Design Guide for thermal dissipation requirements
- Use M2x0.4 thread with at least 3mm depth fully formed thread in heatspreader/sink
- Recommended material for heatsink is aluminum or copper
- Use intermediate heat transfer compound (paste or pad), do not screw the module directly to heatsink/heat spreader or case
- When using heatspreader use thermal pad >0.5mm between heatspreader and case to ensure thermal conductivity
- Do not cover the module envelope
- Use <0.15Nm for M2 screws
- Handle module with care during assembly (ESD)
- Ensure correct orientation of the spring. The leaf spring should only contact the module in the middle
- SO-DIMM connector spacers must be used to reduce stress on the PCB



RED: module envelope, keep out zone for component clearance
 BLUE: Processor die
 GREEN: PCB + underside
 The envelope for thermal solution 3D model is available in the Nvidia developer download area



Leaf spring kit XAVIER NX:

Each kit includes

- Leaf spring (155-0892-000)
- 4 screws (155-0876-000)

Cooling kit XAVIER NX:

Each kit includes

- Leaf spring (155-0892-000)
- 4 screws (155-0876-000)
- Heatsink with integrated fan (095-0073-000)

SKU	Kit
70799	Leaf spring Kit XAVIER NX
70797	Cooling kit XAVIER NX
70753-335	Heatspreader 50.1x40x3.35mm
70753-435	Heatspreader 50.1x40x4.35mm
70753-455	Heatspreader 50.1x40x4.55mm
70798	Heatsink with fan (095-0073-000)



Specifications subject to change without notice. All trademarks are property of their respective holder.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fan Accessories](#) category:

Click to view products by [Auvideo](#) manufacturer:

Other Similar products are found below :

[LZ31](#) [63070-2-4013](#) [854589-1](#) [95778-1-5171](#) [99485901](#) [RF119](#) [2151-4-7320](#) [KM36](#) [27453.32262](#) [95779-1-5171](#) [9614-2-4013](#) [FK120-30](#)
[FK40-30](#) [FK80-45](#) [2103-4-7320](#) [2170-4-7320](#) [27453.32298](#) [R88ACPU001M1](#) [R88ACPU001M2](#) [31570-2-4013](#) [LZ215](#) [LZ24-1](#) [LZ30-9](#)
[LZ37-2](#) [450-20-0025](#) [525-00-0009](#) [KM38](#) [420-05-0276](#) [450-20-0017](#) [450-20-0020](#) [08121](#) [08188](#) [08124](#) [08196](#) [09494-2-4039](#) [09576-2-4013](#)
[109-1102](#) [109-019H](#) [109-1104](#) [54476-2-4013](#) [71883-2-4053](#) [63071-2-4013](#) [52544-2-4037](#) [64445-1-7612](#) [73801-2-3634](#) [66786-4-7320](#)
[88601-2-2929](#) [08164](#) [4013-2-4039](#) [73772-2-3634](#)