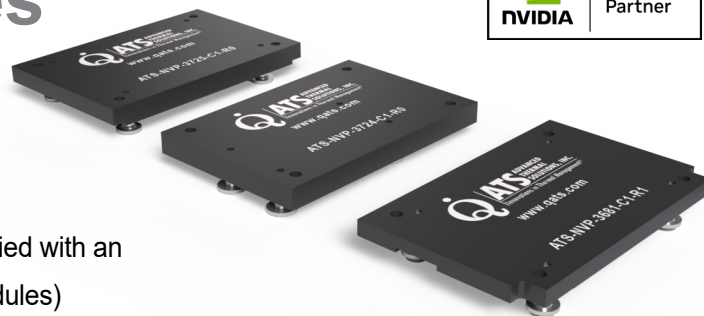


Thermal Transfer Plates for NVIDIA® Jetson™



Features & Benefits

- » Designed to fit NVIDIA® Jetson™ modules that do not come supplied with an integrated thermal transfer plate (see table below for specific modules)
- » Can be integrated into a custom chassis or paired with additional thermal products to enhance cooling
- » Leaf spring with screws for mounting to Jetson module - see Fig. 1
- » Provided with pre-assembled Thermal Interface Material (TIM) on base
- » Provided extra M3 mounting holes - see Fig. 2

Image for illustration purposes only.

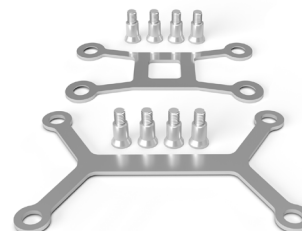


Fig. 1 - Leaf springs with screws for mounting

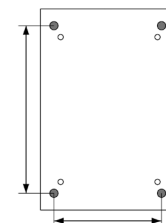


Fig. 2 - Mounting Hole Pattern C-C

Part Number	ATS-NVP-3681-C1-R1	ATS-NVP-3724-C1-R0	ATS-NVP-3725-C1-R0
NVIDIA Component	Jetson Orin Nano Jetson Orin NX	Jetson Nano	Jetson Xavier NX
Length (mm)	63	60	60
Width (mm)	40	40	40
Height (mm)	5	5	5
Extra Mounting Hole C-C Pattern (mm)	32 x 50	32 x 50	32 x 50
Extra Mounting Hole Diameter	M3	M3	M3
Weight (g)	32	31	35
Material	Aluminum 6063	Aluminum 6063	Aluminum 6063
Finish	Black Anodized	Black Anodized	Black Anodized
Attachment	Leaf Spring with Screws (M2 shoulder screws)	Leaf Spring with Screws (M2 shoulder screws)	Leaf Spring with Screws (M2 shoulder screws)
Attachment Kit Part Number	ATS-HK510-R1	ATS-HK511-R0	ATS-HK510-R0
TIM	Chomerics T766	Chomerics T766	Chomerics T766

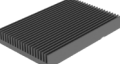
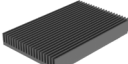
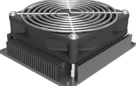
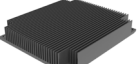
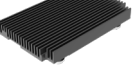
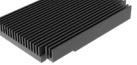
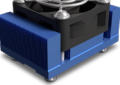
NOTES:

- 1) Thermal performance data is provided for reference only. Actual performance may vary by application.
- 2) ATS reserves the right to update or change its products without notice to improve the design or performance.
- 3) ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.
- 4) Contact ATS to learn about custom options available.



ATS Thermal Solutions for NVIDIA® Jetson™



	NVIDIA Jetson Product	Part Number	Type	L (mm)	W (mm)	H (mm)	Weight (g)	Thermal Resistance (°C/W at 200 LFM / 1 M/S)
	Jetson Nano™	ATS-NVA-2780-C1-R0	Heat Sink	60	40	8	35.5	2.2
		ATS-NVP-2780-C2-R0	Heat Sink	60	40	8	32.3	3.24
		ATS-NVP-3724-C1-R0	Thermal Transfer Plate	60	40	5	31	N/A
	Jetson Xavier™ NX	ATS-NVA-2781-C1-R0	Heat Sink	60	40	8	36.8	1.6
		ATS-NVP-2781-C2-R0	Heat Sink	60	40	8	34.2	2.55
		ATS-NVP-3725-C1-R0	Thermal Transfer Plate	60	40	5	35	N/A
	Jetson AGX Xavier™	ATS-NVA-3275-C4-R0	Heat Sink	100	87	16	164.3	0.21
	Jetson AGX Orin™	ATS-NVP-3275-C5-R0	Heat Sink	100	87	16	167.7	0.53
	Jetson Orin™ Nano Jetson Orin™ NX	ATS-NVA-3281-C1-R1	Heat Sink	63	40	8	38.3	1.6
		ATS-NVP-3281-C2-R1	Heat Sink	63	40	8	36.2	2.45
		ATS-NVA-3681-C1-R1	Thermal Transfer Plate	63	40	5	32	N/A
	Jetson™ TX2 NX	ATS-NVA-3353-C1-R2	Heat Sink	63	40	8	37.4	1.7
		ATS-NVP-3353-C2-R2	Heat Sink	63	40	8	34.3	2.57
	Jetson Orin™ NX (Super Mode)	ATS-NVA2-3554-C3-R0	Heat Sink	57.5	40	23	56	0.94

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