Heat Sink for NVIDIA® Jetson Xavier™ NX

ATS Part#: ATS-NVP-2781-C2-R0
Description: 63 x 40 x 8 mm high-performance heat sink with leaf spring attachment
Component: NVIDIA Jetson Xavier NX
Heat Sink Type: Straight fin heat sink
Heat Sink Attachment: Leaf spring with screws

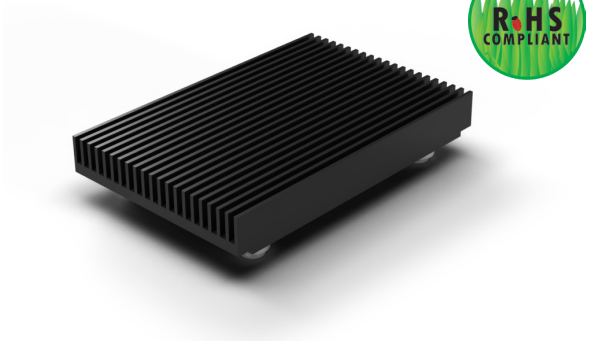


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Features & Benefits

» Designed to fit the NVIDIA® Jetson Xavier™ NX module

» Leaf spring with screws for mounting heat sink - see Fig. 1

» Included mounting hardware kit: ATS-HK510-R0
(leaf spring with M2 x 0.4mm shoulder screws - drive: Torx T8)

» Provided with pre-assembled Thermal Interface Material (TIM) on base

» Recommended through hole size in PCB is 3.20 mm (PCB thickness: 1.2 mm)

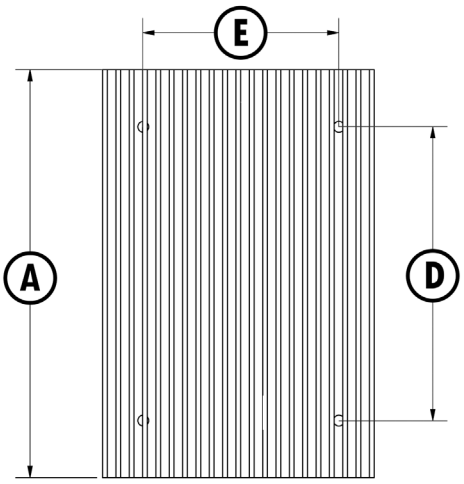


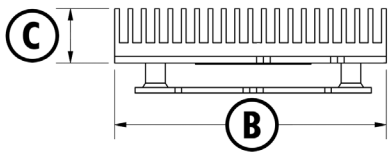
Fig. 1 - Leaf spring with screws for mounting heat sink

Heat Sink Part Number	L (mm)	W (mm)	H (mm)	Total Thermal Resistance (°C/W)	Heat Sink Weight (g)	Thermal Interface Material
ATS-NVP-2781-C2-R0	63	40	8	1.6	34.2	Chomerics T766

Product Details

SCHEMATIC IMAGE	Dimension A	Dimension B	Dimension C	Dimension D	Dimension E	Material	Finish
	63 mm	40 mm	8 mm	43.2 mm	28.8 mm	Aluminum 6063	Black Anodized





**All Images are for illustration purposes only.*

NOTES:

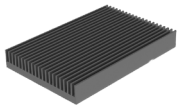
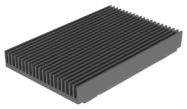
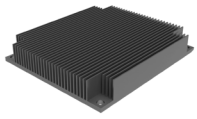
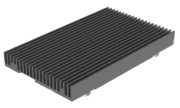
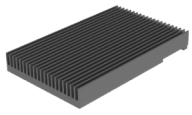
1) Dimensions A and B refer to heat sink size.
2) Dimension C is the heat sink height from the bottom of the base to the top of the fin field.
3) Dimensions D and E refer to the mounting hole pattern C-C (center to center)
4) Thermal performance data are provided for reference only. Actual performance may vary by application.
5) ATS reserves the right to update or change its products without notice to improve the design or performance.
6) ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.
7) Contact ATS to learn about custom options available.

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For further technical information, please contact Advanced Thermal Solutions, Inc.
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Heat Sinks for NVIDIA® Jetson™ Products

	NVIDIA® Product	Heat Sink Part Number	L (mm)	W (mm)	H (mm)	Weight (g)	Total Thermal Resistance
	Jetson Nano™	ATS-NVA-2780-C1-R0	60	40	8	35.5	1.6 °C/W
		ATS-NVP-2780-C2-R0	60	40	8	32.3	1.6 °C/W
	Jetson Xavier™ NX	ATS-NVA-2781-C1-R0	63	40	8	36.8	1.6 °C/W
		ATS-NVP-2781-C2-R0	63	40	8	34.2	1.6 °C/W
	Jetson AGX Xavier™ Jetson AGX Orin™	ATS-NVA-3275-C1-R0	100	87	16	164.3	0.21 °C/W
		ATS-NVP-3275-C3-R0	100	87	16	167.7	0.21 °C/W
	Jetson Orin Nano™ Jetson Orin™ NX	ATS-NVA-3281-C1-R0	63	40	8	38.3	1.6 °C/W
		ATS-NVP-3281-C2-R0	63	40	8	36.2	1.6 °C/W
	Jetson™ TX2 NX	ATS-NVA-3353-C1-R0	63	40	8	37.4	1.6 °C/W
		ATS-NVP-3353-C2-R0	63	40	8	34.3	1.6 °C/W

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ATS-07B-56-C2-R0 ATS-09G-46-C2-R0 ATS-14H-22-C2-R0 ATS-52270P-C1-R0 ATS-HP-F6L150S29W-277
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