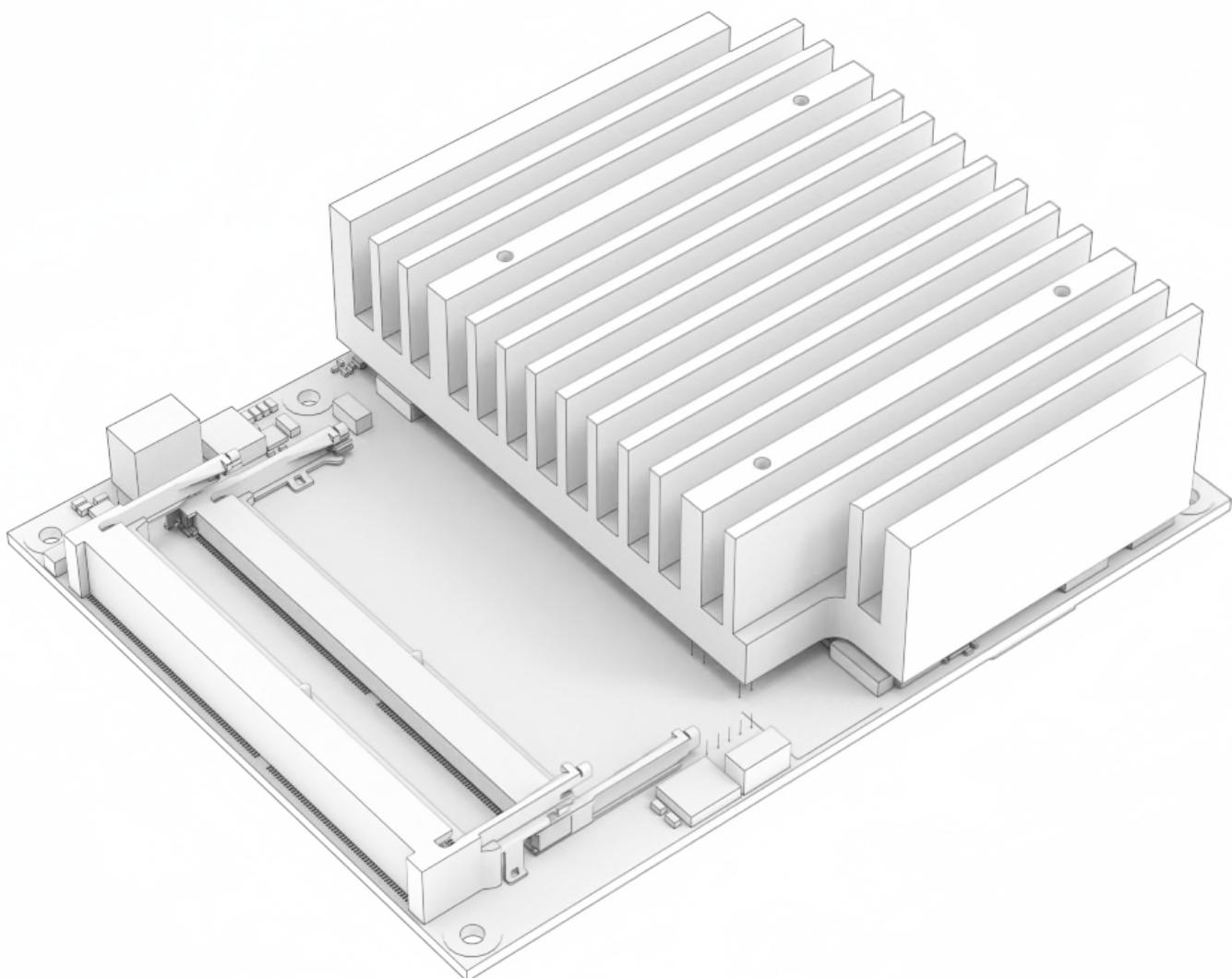


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# LayerScape LX2160A heat-sink datasheet

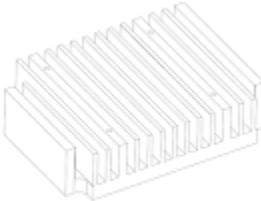
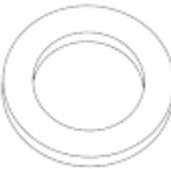


## Revision notes

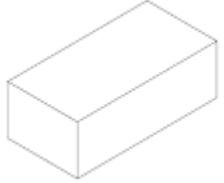
Rev	Date	Notes
A	24-Aug-2021	Initial release
B	24-Aug-2021	Replaced screws to DIN 7048 Added nylon washers

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## Parts list

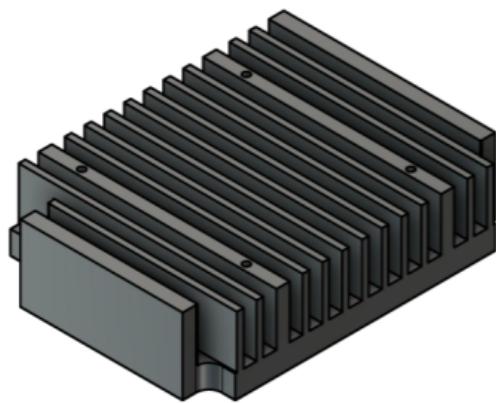
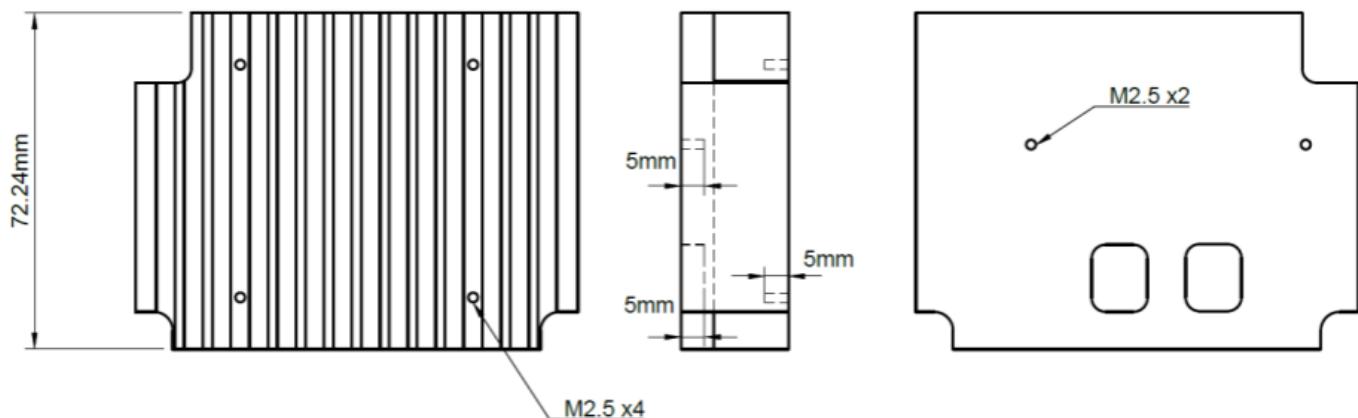
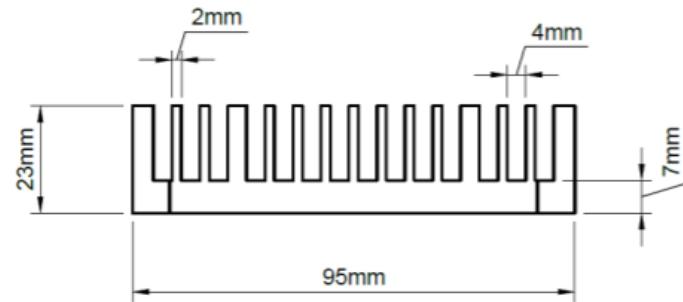
Picture	Description	SolidRun PN	QTY
	Heat sink	MCH00245	1
	Thermal paste ARCTIC MX-4 or similar	-	0.2 g
	Screw ISO 7048 Phillips pan head Threading: M2.5 length = 8 mm head diameter <= 4.5 mm	TBD	2
	Nylon Washer Essentra 17W01785 (or similar) Internal diameter 2.8mm Outer diameter 4.3mm Thickness 0.5mm	TBD	2

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	Rubber pad Shore A 50 Single side adhesive Thickness: 3.5mm 10mm x 5mm	TBD	2
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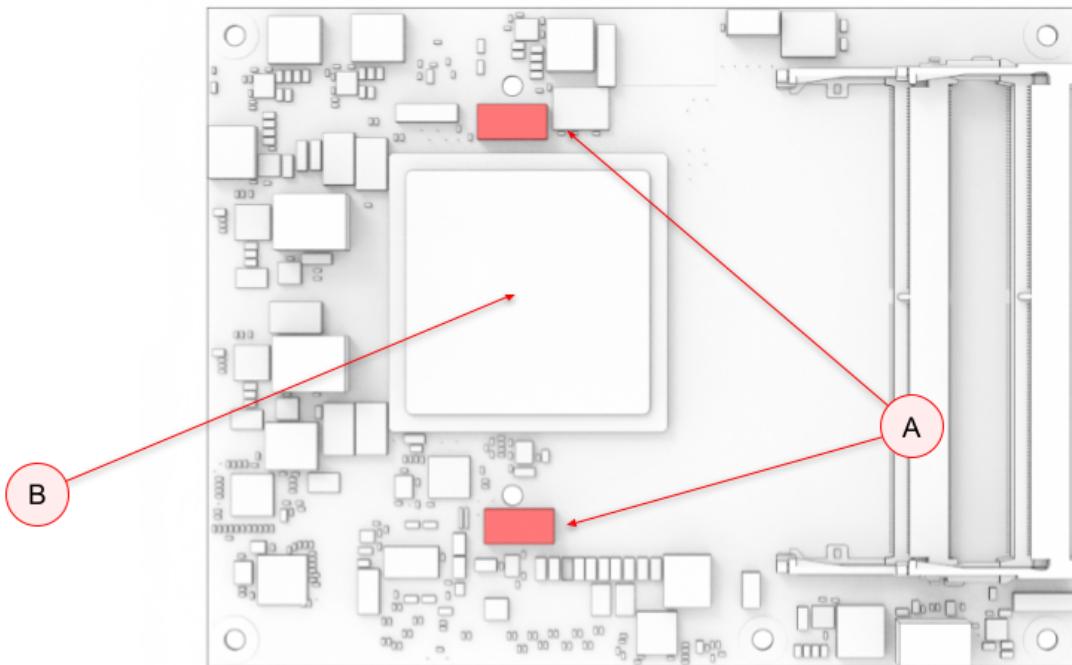
### Heat-sink drawing



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# Assembly instructions

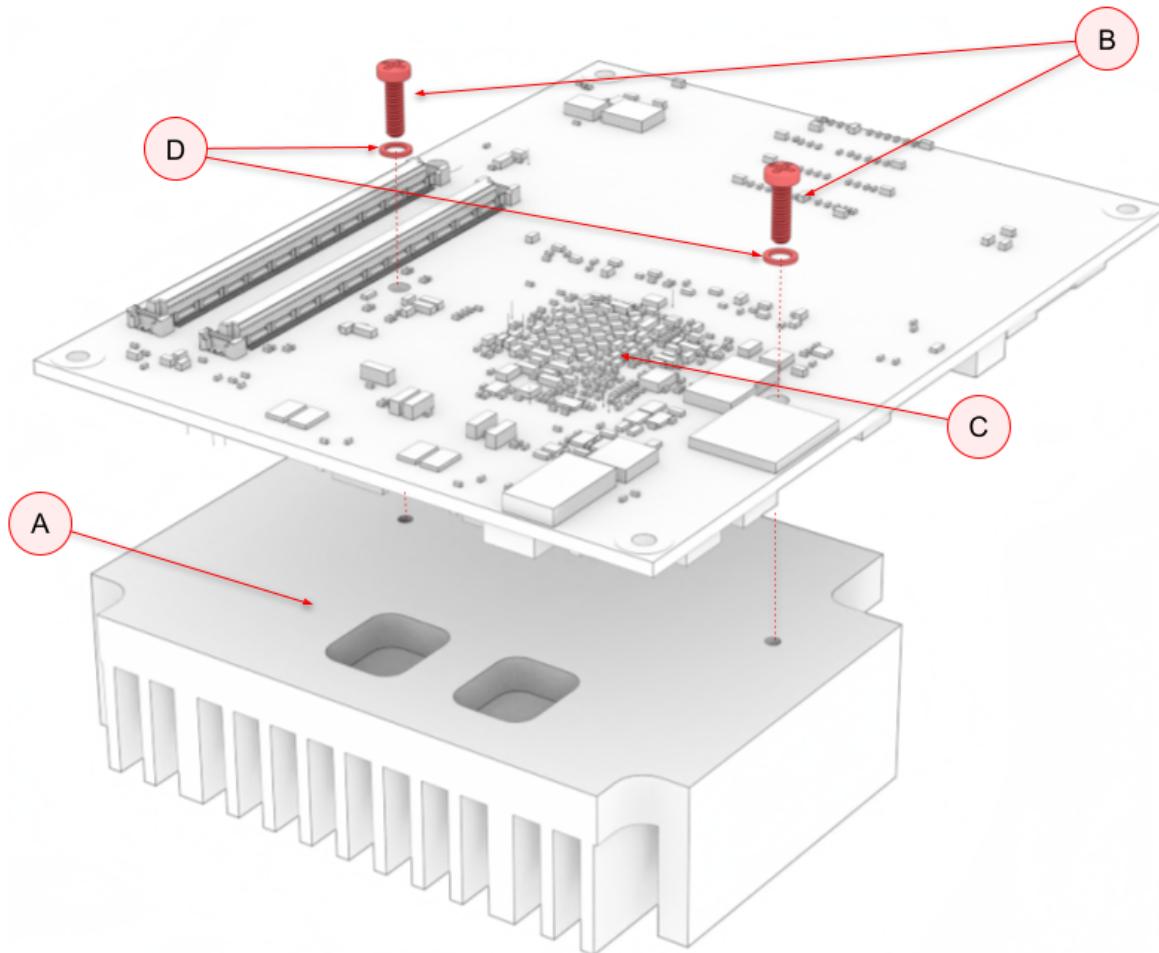
## Preparation of CoM for heat-sink



1. Bond rubber pads (A) next to the heat-sink mounting holes as depicted
2. Clean CPU (B) and apply thermal paste

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### Assembling heat-sink



1. Place heat upside down and clean its surface (A)
2. Place CoM on heat-sink so CPU is in contact with heat-sink. Note orientation
3. Place washers (D) on screws (B)
4. Using a Phillips screwdriver, screw the two screws (B) loosely, without tightening
5. Press with your thumb above CPU (C) to ensure coplanarity of CPU and heat-sink and tighten the screws half a turn at a time for each screw

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**Heat-sink assembled**