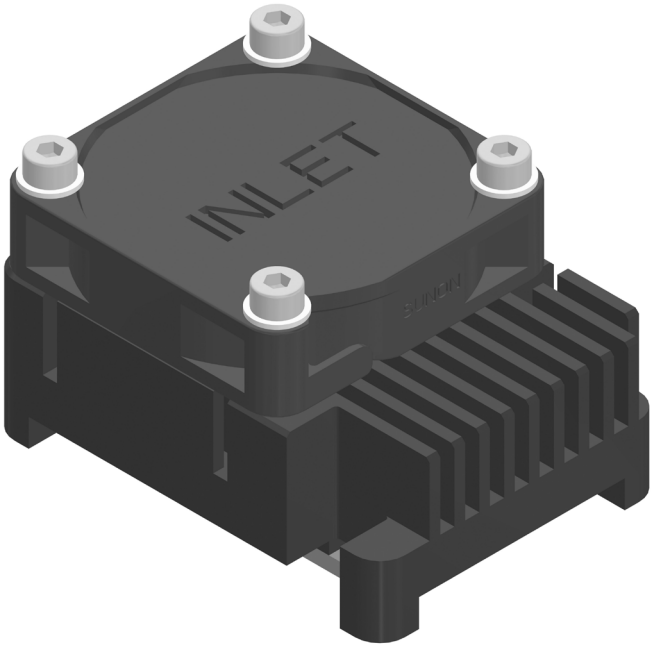
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ACTIVE HEATSINK ASTRIAL KIT

Annex Manual

04/2025-00-1E000502

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This manual applies to the product codes:

ACTIVE HEATSINK ASTRIAL KIT 1E000502

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This product meets the safety requirements of the following standards:

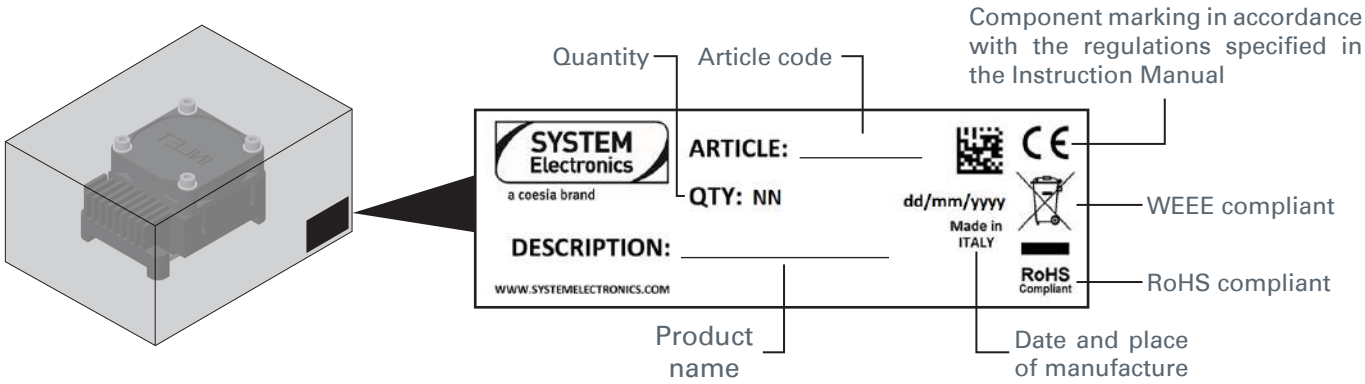
- Directive 2014/30/EU: Electromagnetic compatibility: (EMC)
- Harmonised standard Immunity of industrial devices: CEI EN 61000-6-2
- Harmonised standard Emission of industrial devices: CEI EN 61000-6-4
- Directive 2011/65/EU. Restricted use of certain hazardous substances in electrical and electronic equipment: (RoHS2)
- Directive 2015/863/EU amending Annex II of Directive 2011/65/EU as regards the list of restricted substances: (RoHS3)
- REACH REGULATION (EU) No.1907/2006. General product safety

General information

Thank you for choosing ACTIVE HEATSINK ASTRIAL KIT. KIT consisting of a heatsink, a gap pad, and a fan, which offers two assembly options depending on the support on which it is installed:
- CASE #1 "Carrier without spacers";
- CASE #2 "Carrier with spacers".

Please read this manual and keep it with care. The information it contains will be indispensable for correct installation and safe use. With this manual, SYSTEM ELECTRONICS wishes to establish a cooperative relationship with you in order to perfect our product to make it more versatile for your needs. That is why we kindly ask you to notify us of any errors, oversights, malfunctions, suggestions, comments, opinions, by writing to the contacts you will find in this manual.

Product identification



As stated on the product label, it complies with the following regulations:
- RoHS (Restriction of Hazardous Substances): restriction on the use of certain hazardous chemical substances in Electrical and Electronic Equipment (EEE), such as lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and their ethers (PBDE), and certain phthalates.
- WEEE (Waste Electrical and Electronic Equipment): requirement for the collection, treatment, recovery, and recycling of electrical and electronic equipment at the end of its life cycle, to ensure the environmentally sound management of waste and the recovery of raw materials.

Availability

For the documentation, see **System Electronics.ai**

Technical support

EBV, as an authorised reselled of the product, is available for a first level contact to customer and for any additional information or clarification required.
If necessary, please contact (sito EBV)
In case of deeper technical expertise support is needed, the manufacturer support service is available for clarification or contact and intervention by specialists.

Always specify:
- Customer's name and identification data;
- The product identification data, such as: code and model.

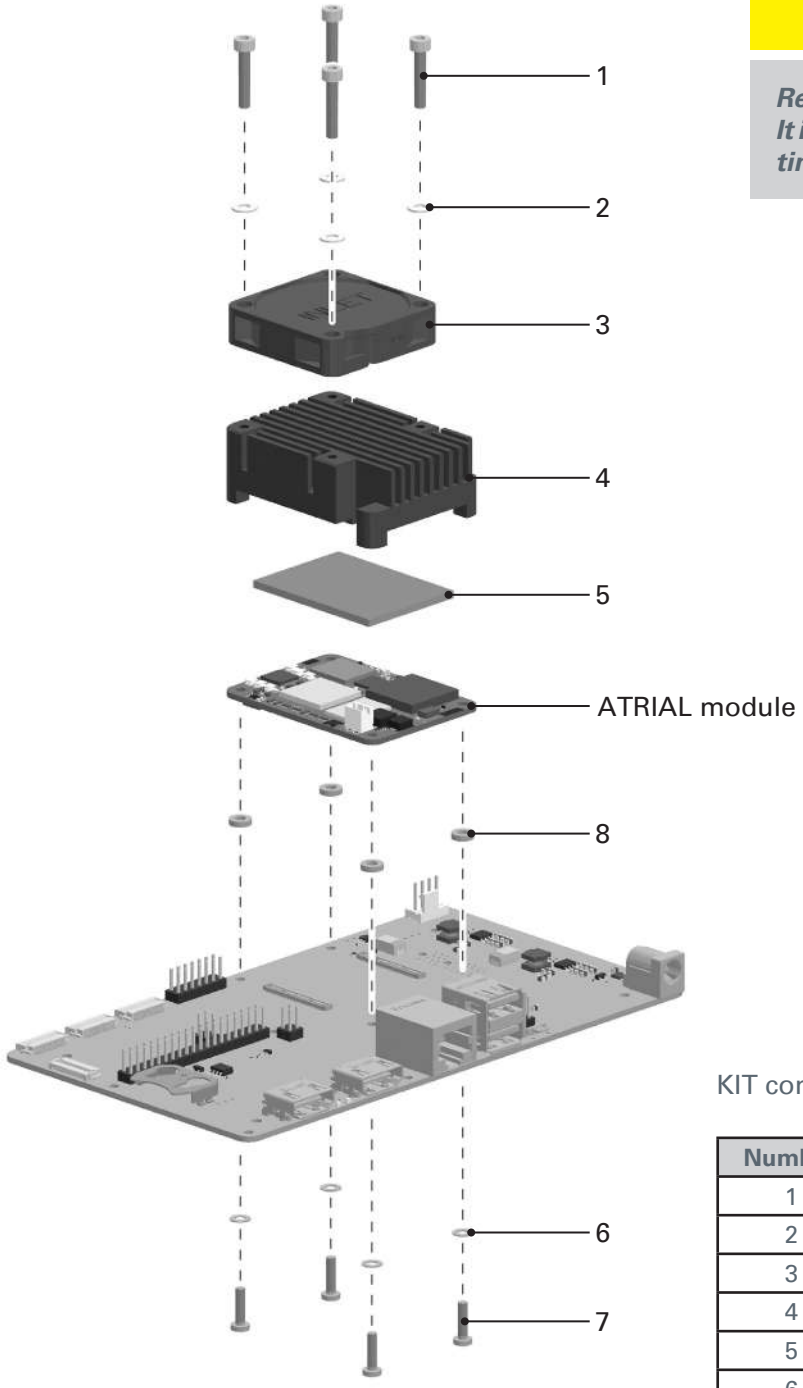
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NOTES

Always purchase original or equivalent spare parts if authorised in writing by SYSTEM ELECTRONICS

Assembly sequence: CASE #1 "Carrier without spacers"

To prevent board damages due to bending please put the provided spacers "**8**" between Astrial module and carrier board.
Use 4 TCEI M3X16 screws "**1**" and DIN 125 washers "**2**" to secure the fan to the Heatspreader "**4**" with a tightening torque of 0.3 Nm in order to avoid damage to the components.
Use 4 TCEI M2.5X10 screws "**7**" and DIN137A M2.6 "**6**" washers to secure the KIT to the carrier with a tightening torque of 0.3 Nm in order to avoid damage to the module.



CAUTION!

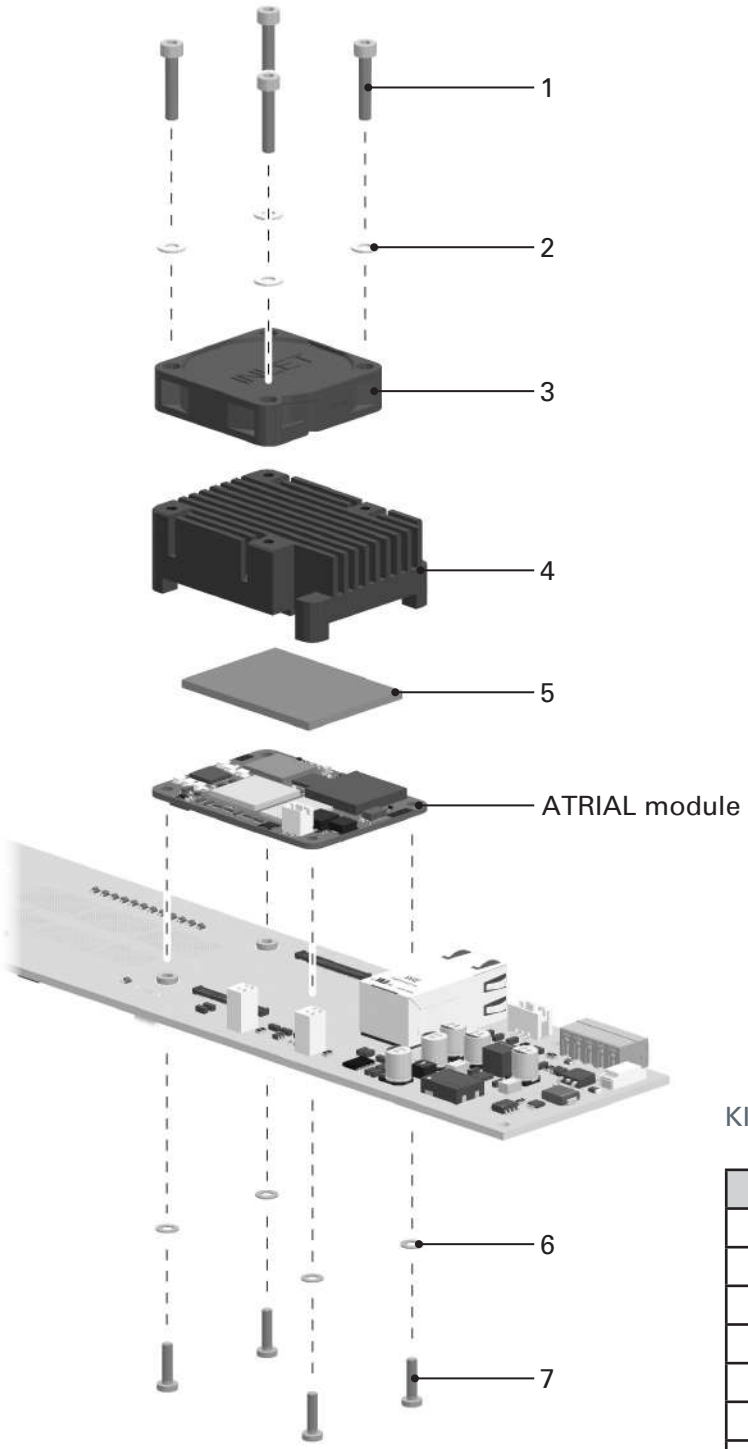
Remove the gap pad protective liners before use. It is not recommended to reuse the gap multiple times.

KIT contents:

Number	Description	QTY
1	ALLEN BOLT 3X16	4
2	DIN 125 WASHER	4
3	40 x 40 x10 FAN 5V	1
4	HEATSPREADER	1
5	GAP PAD ULTRASOFT 2MM	1
6	DIN137A WAVY WASHER M2.6	4
7	DIN 7985 2,5X10 SCREW	4
8	1.5 mm SPACER	4

Assembly sequence: CASE #2 "Carrier with spacers"

Use 4 TCEI M3X16 screws "**1**" and DIN 125 washers "**2**" to secure the fan to the Heatspreader "**4**" with a tightening torque of 0.3 Nm in order to avoid damage to the components.
Use 4 TCEI M2.5X10 screws "**7**" and DIN137A M2.6 "**6**" washers to secure the KIT to the carrier with a tightening torque of 0.4 Nm in order to avoid damage to the module.



CAUTION!

Remove the gap pad protective liners before use. It is not recommended to reuse the gap multiple times.

KIT contents:

Number	Description	QTY
1	ALLEN BOLT 3X16	4
2	DIN 125 WASHER	4
3	40 x 40 x10 FAN 5V	1
4	HEATSPREADER	1
5	GAP PAD ULTRASOFT 2MM	1
6	DIN137A WAVY WASHER M2.6	4
7	DIN 7985 2,5X10 SCREW	4

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Decommissioning and disposal

DANGER!

Switch off the power supply before disconnecting the cables and dismantle the parts to be disposed of

The Module must be dismantled and disassembled completely before being disposed of.

- Plastic enclosure parts must be taken to a plastic recycling centre.
- Stainless steel parts must be taken to a metal recycling centre.
- Electronic components and/or printed circuit boards must be disposed of in compliance with national regulations for the disposal of electronic products.

WARNING!

Dispose of the various materials so that they can be recycled in compliance with the regulations in force in the country of use.
Nationally, the European Union Act 2018 amended Legislative Decree 49/2014, in compliance with Directive 2012/19/EU on waste electrical and electronic equipment (WEEE).




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