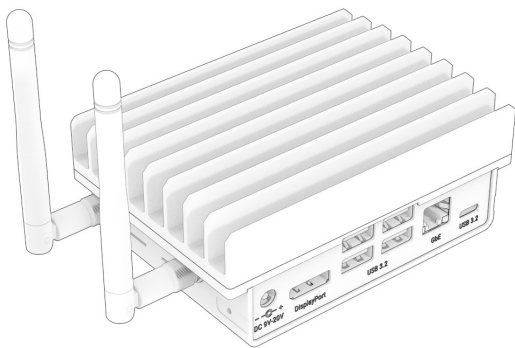




Assembly instructions	Attractec Jetsuit
Revision history	

Revision	Date	Description
1.0	14-Apr-2025	Initial release
1.1	10-May-2025	Added "before starting" page

Assembly instructions	Attractec Jetsuit
Bill of material	

PN	Description	Units	Page
AT1002	Jetsuit Copper Heatplate	1	B1
AT1003	Jetsuit Tile Top cover	1	C2
AT1004	Jetsuit Bottom cover	1	D1
AT1005	Jetsuit Front panel	1	D2
AT1006	Jetsuit Rear panel	1	D2
AT1008	Jetsuit Heatplate standoff	4	B1
AT1009	Screw M2x4 flat head DIN 965 Phillips v1	4	B4
AT1010	top standoff M2.5	4	C2
AT1011	standoff 5.3xM2.5	4	C3
AT1007	Jetsuit Rubber pad	4	D2
AT1016	Jetsuit Air ribs	1	E1
AT1017	screw M2.5x5 flat head	4	D2
AT1021	Thermal pad 0.5 mm	1	D1
AT1022	Thermal pad 1 mm	3	B3, D1
AT1023	Screw M3 flat head 6mm Phillips	4	E1
AT1025	Right angle MHF to RP-SMA + washer + nut	2	D1
AT1026	dual band 2.4/5 GHz WiFi antenna	2	-

Assembly instructions Attractec Jetsuit

Required tools

These required tools can be found in a computer screwdriver kit



Description	Notes
Prying tool	
Phillips screwdriver	
Torx T6 screwdriver	For heatsink retention backplate
3.0mm hex socket	
4.0mm hex socket	

Other tools

Description	Notes
Cotton swabs	
Isopropyl Alcohol	
Thermal paste	Attractec recommends Arctic MX-4
Soft microfiber cloth or paper towel	

Assembly instructions	Attractec Jetsuit
Before starting	

Important note

Before starting DevKit disassembly, power it up to ensure it is working properly.

Disassembling the DevKit voids NVIDIA warranty, so if your DevKit is dead-on-arrival, you must detect it in advance.

Indications for properly functional DevKit:

Green LED on carrier

Fan spins up

Display connected to DisplayPort shows NVIDIA logo

Assembly instructions	Attractec Jetsuit
	A Jetson Developer kit disassembly

A

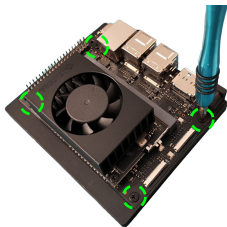
Jetson Developer kit
disassembly

Assembly instructions	Attractec Jetsuit
A1	Remove frame

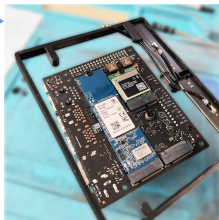
Disconnect WiFi antennas



Remove 4 screws holding frame

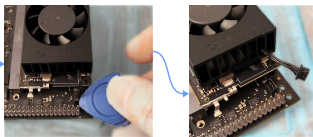


Lift-off frame



Assembly instructions	Attractec Jetsuit
A2	Remove Jetson module

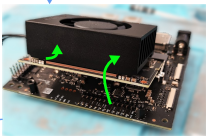
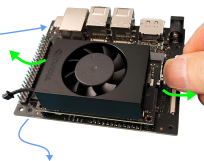
Disconnect fan connector



Remove 2 screws holding
Jetson module to carrier

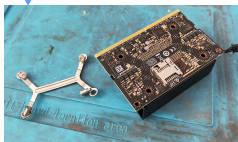


Open SODIMM latches and
lift Jetson module



A3 Remove heatsink and clean CPU

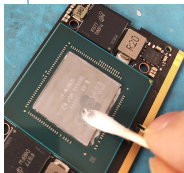
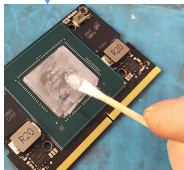
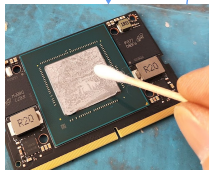
Remove 4 Torx screws of heatsink retention backplate



Gently pry-off the heatsink from the module



Clean thoroughly the CPU



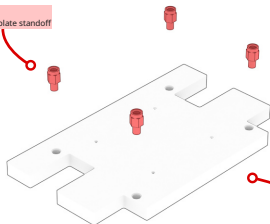
Assembly instructions	Attractec Jetsuit
	B Jetson SoM assembly

B

Jetson SoM assembly

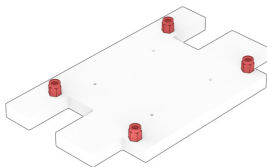
Assembly instructions	Attractec Jetsuit
B1	Heatsink preparation

AT1008
Jetsuit Heatplate standoff

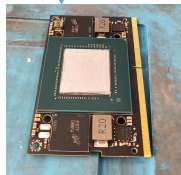
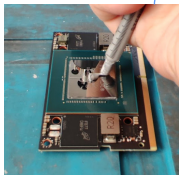


AT1002
Jetsuit Copper Heatplate

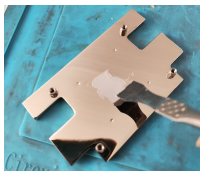
Use 3mm hex socket



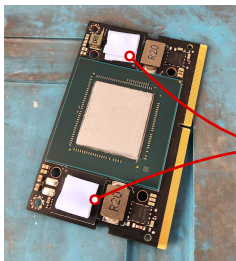
Apply MX-4 thermal paste
on CPU. Spread evenly with
a spatula



Apply MX-4 thermal paste on heatplate
between 4 marks. Spread evenly with a
spatula

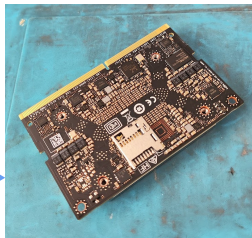
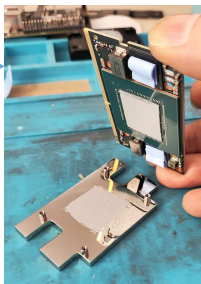


Assembly instructions	Attractec Jetsuit
B3	Thermal pads, heatplate placement

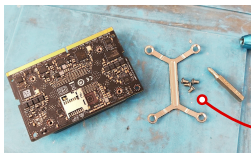


Apply on DDR chips 2mm
thermal pads

AT1022
Thermal pad 1 mm



Assembly instructions	Attractec Jetsuit
B4	heatsink retention backplate



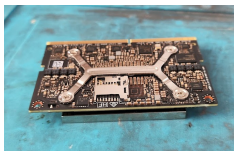
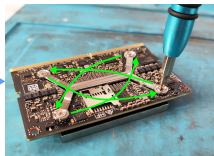
AT1009

Screw M2x4 flat head DIN 965 Phillips v1



Insert 1st screw for
positioning heatsink
retention backplate

Tighten screws in a cross
pattern for even pressure

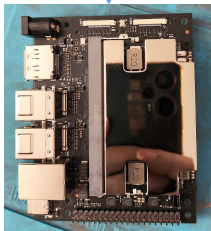
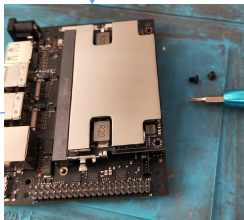
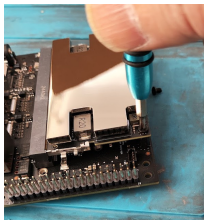
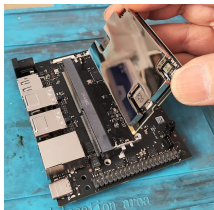


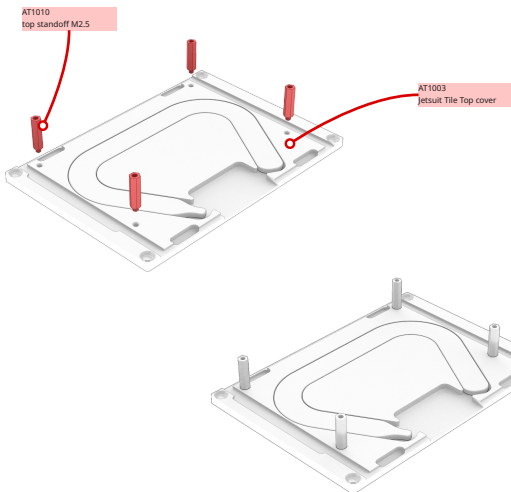
Assembly instructions	Attractec Jetsuit
	C Carrier assembly

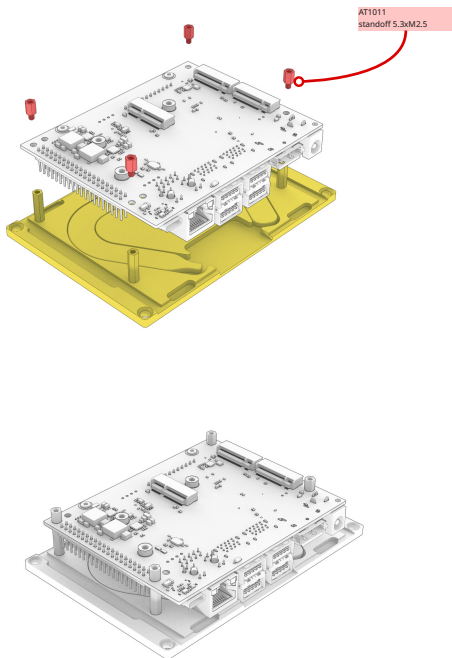
C

Carrier assembly

Assembly instructions	Attractec Jetsuit
C1	Assembling SoM onto carrier







Assembly instructions	Attractec Jetsuit
	D Jetsuit enclosure assmbly

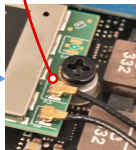
D

Jetsuit enclosure
assmbly

Assembly instructions	Attractec Jetsuit
D1	NVME and WiFi assembly

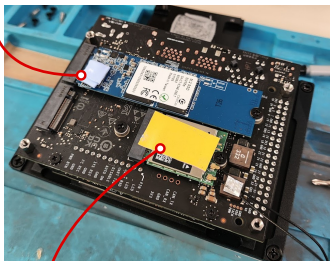


AT1025
Right angle MHF to RP-SMA

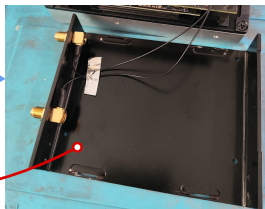


Plug MHF connectors of
antennas in WiFi adapter

AT1022
Thermal pad 1 mm



Connect SMA connectors in
bottom cover

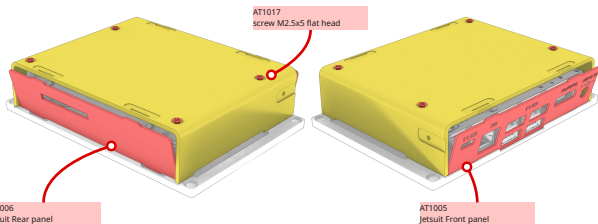


AT1021
Thermal pad 0.5 mm

AT1004
Jetsuit Bottom cover

Assembly instructions	Attractec Jetsuit
D2	Bottom cover and panels assembly

Assemble bottom cover,
side of SMA first



AT1007
Jetsuit Rubber pad



Assembly instructions	Attractec Jetsuit
	D Jetsuit enclosure assmblly

E

Jetsuit Air
assembly

Assembly instructions	Attractec Jetsuit
D1	NVME and WiFi assembly

