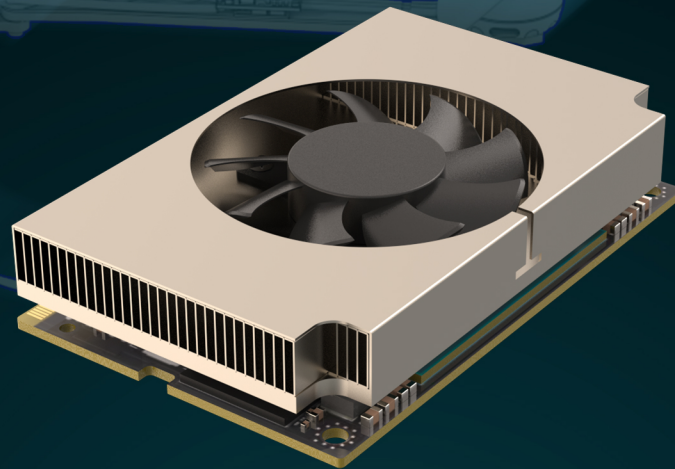


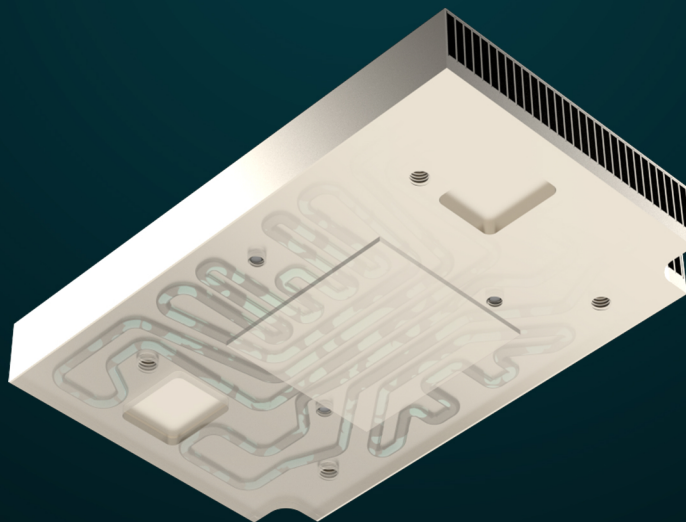
# Jetstream ONX

## Product Brief



## About Jetstream ONX

Jetstream ONX is an advanced, low-profile active cooler designed for the NVIDIA Jetson Orin NX, offering high cooling capacity up to 40W MAXN SUPER mode making it ideal for UAVs and constrained spaces.



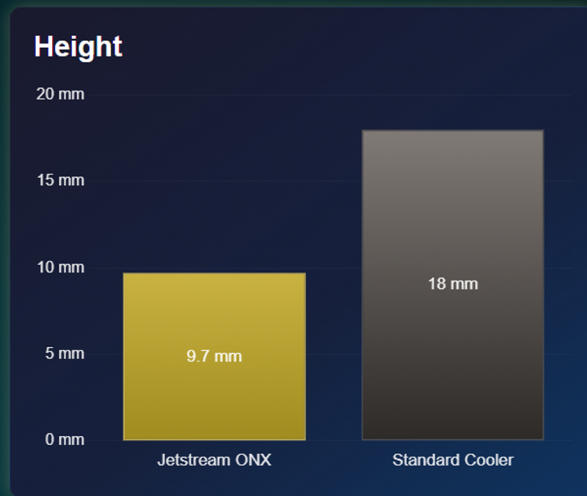
## Key Features

- Low profile & light weight - 10 mm, 30 g
- 40W cooling capacity
- PHP VC, optimized fins and support for advanced TIM

# Jetstream ONX vs Standard Cooler



**45%  
Thinner**



**40%  
Lighter**

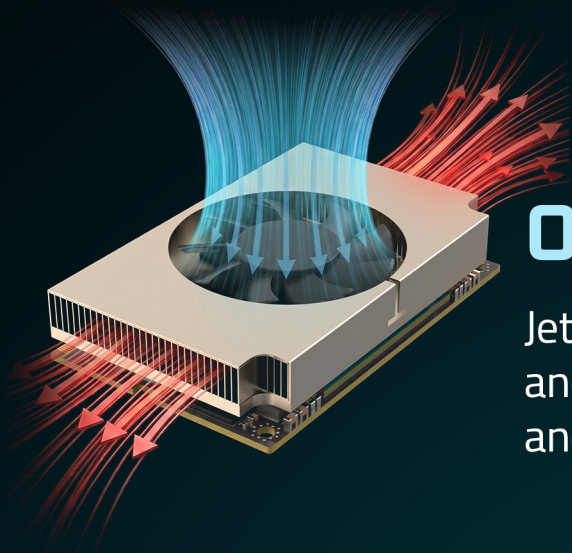


**Similar  
Thermal  
Performance**



# Jetstream ONX

Design

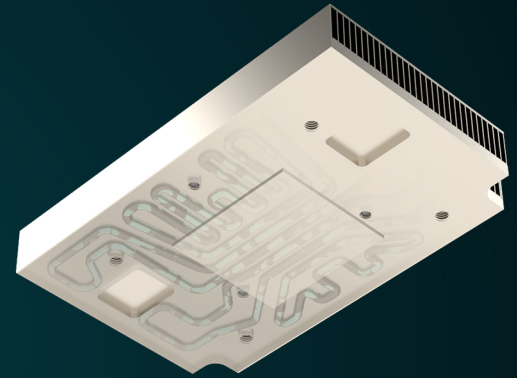


## Optimized Airflow

Jetstream ONX uses a low profile 40 mm frameless fan and soldered zipper lock fins to lower airflow resistance and avoid dead zones.

## Aluminium PHP VC

For uniform heat conduction Jetstream ONX body is made of Aluminium PHP (pulsating heatpipe) with extremely high heat conduction against gravity.



## Advanced TIM Support

When heat that is not distributed evenly over the die a high-performance TIM can eliminate hotspots. Jetstream ONX has a Nickel plated Copper pedestal compatible with advanced TIMs including liquid metal.



## Minimal Footprint

Jetstream ONX is designed to minimize thickness and weight and maximize performance and convenience. It is only 9.7 mm thick and covers the whole area of the Jetson without interfering with normal assembly and service.



# Jetstream ONX

## Specifications

### Dimensions & Weight

Width	43.4 mm
Length	69.6 mm
Height	9.7 mm
Weight	30 g

### Mechanical Specifications

Materials	Nickel Plated Copper Pedestal Nickel Plated Aluminium PHP Soldered Aluminium Zipper Fins Steel Fasteners
Mounting	Spacers Optional Leaf Spring

### Fan Specifications

Diameter	40 mm
Height	7 mm
Speed	7000 RPM
Airflow	6.37 CFM
Static Pressure	23 Pa
Voltage	5V
Current	150 mA
Temperature range	-10 °C to 70 °C
Noise	30.5 dbA

### Thermal Performance

Thermal Resistance	1.5 °C/W
TIM	Thermal Paste / Liquid Metal

