



# Accelero Twin Turbo III

NVIDIA®/AMD® Graphics Card Cooler with Backplate

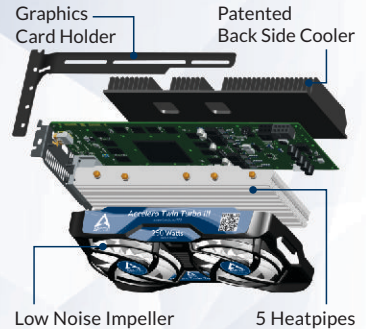
- Double fan for efficient cooling
- Patented back side cooler for direct VRM and RAM cooling
- Installation without thermal glue
- Pre-applied MX-4 thermal paste



# Accelero Twin Turbo III

## NVIDIA®/AMD® Graphics Card Cooler with Backplate

As a new generation of the Accelero dual-fan series, the **Accelero Twin Turbo III** has 250 Watts of cooling capacity which is more than enough for mid to high-end graphics cards. ARCTIC has developed and patented a back side cooler for previously unknown cooling performance. It offers a specific and extremely efficient solution for an improved cooling of RAM and VR. The **Accelero Twin Turbo III** has a wide compatibility which makes it versatile to install on different graphic cards from NVIDIA® and AMD®.



## Patented Back Side Cooler

Voltage Regulator ICs are heating up the complete board to a level which is not just for the ICs itself dangerous, but mainly lowers the service life of other components dramatically. Our patented back side cooler keeps the board and all components around the GPU on low temperature.

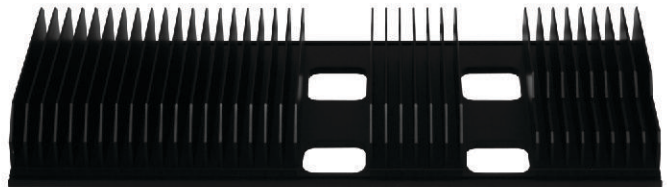


Back in Original  
Condition without  
any Marks

Lower VRM  
Temperature

Better  
Over-Clocking

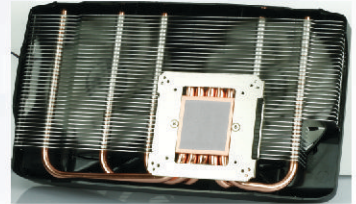
Long Service  
Life



# Accelero Twin Turbo III

## NVIDIA®/AMD® Graphics Card Cooler with Backplate

Specifications	
Max. Cooling Capacity	250 Watts
Heatpipe	Ø 6 mm x 5
Heatsink Material	Aluminum fins x 35, thickness 0.4 mm
Fan	92 mm, 900 - 2 000 RPM (controlled by PWM) x 2 Fans
Bearing	Fluid Dynamic Bearing
Noise Level	0.3 Sone
Current / Voltage (per fan)	0.15 A / +12 V DC
Dimensions	Heatsink : 230 x 112 x 31 mm Backplate : 218 x 98 x 23 mm Fan Set : 216.5 x 122.5 x 39 mm Overall : 247 x 140 x 89 mm
Net Weight	827 g



### Compatibility

#### AMD Radeon™

RX 580, 570, 480, 470, 460, R9 380(X), 370X, 285, 270(X), R7 370, 360, 265, 260(X), 250(X), 240, HD 8870, 8760, 7870(XT, GHz), 7850, 7790, 7770 (GHz), 7750, 7730, 6970, 6950, 6870, 6850, 6790, 6770, 5870, 5850, 5830, 5770, 5750, 4890, 4870, 4850, 4830, 4770, 3870, 3850, 2600XT, X1950 (XTX, XT, Pro, GT), X1900 (XTX, XT, GT), X1800 (XT, XL, GTO), X1650 (XT, Pro), X1600 (XT, Pro), X1550, X1300 (XT, Pro)

#### NVIDIA GeForce®

Titan Xp\*, Titan X (Pascal)\*, GTX 1080(Ti\*), 1070 (Ti), 1060, 1050(Ti), Titan X\*, 980(Ti\*), 970, 960, Titan\*(Black\*), 780\* (Ti\*), 770, 760, 750(Ti), 680, 670, 660(Ti), 650 (Ti,Ti boost), 580, 570, 560 (Ti,SE), 550 Ti, 480\*, 470, 465, 460(SE), GT5 450, 250, 240 (OEM), 150 (OEM), GT 740, 640, 340, 330, 320, 130 (OEM), 9800 (GTX+, GTX, GT), 9600 (GT, GSO 512, GSO), 8800 GTX (G80), 8800 GTS (G80), 8800 GTS 512 (G92), 8800 GTS (G92), 8800 GT, 8800 GS (9600GSO), 7950 GT, 7900 (GTX, GT, GS), 7800 (GTX 512, GTX, GT), 6800 (Ultra Extreme, Ultra, GT, GS AGP, GS, AGP, XT AGP, XT, LE), 6600 (GT AGP, GT, LE, DDR2)

\*No over-clocking is recommended

The Accelero Twin Turbo III is compatible only with the graphics card using a standard size PCB with a width of 98 mm

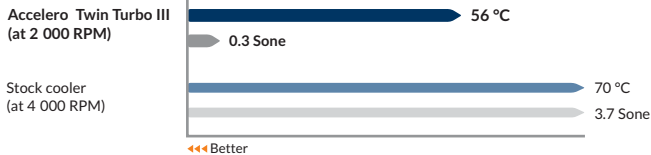
Graphics cards with different dimensions will not be compatible with this cooler. This includes:

- Low profile Graphics card
- Graphics cards with extended PCB (such as : ASUS DirectCU II R9 290, GTX780-DC20C-3GD5)

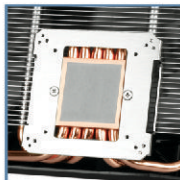
The compatibility list is based on AMD Radeon™ and NVIDIA® reference board layout only. ARCTIC holds no responsibility for incompatibility on non reference boards. Please check the height restriction drawing before purchase.

In the vast majority of the cases, it is not possible to assembly this cooler when the graphics card is located in the first extension slot of the motherboard.

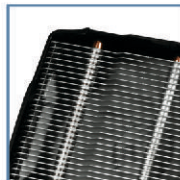
### Cooling Performance & Noise Level on NVIDIA GeForce® GTX 770



Award Winning ARCTIC fans for near silent cooling



High performance MX-4 thermal paste



Heatsink for efficient dissipation