



Thermalright

Silver Arrow ITX



Technical Data

Length	154 mm (incl. fan)
Width	103 mm (incl. fan)
Height	165 mm (incl. fan)
Weight	870 g (incl. fan)
Fan speed	300 - 1,300 rpm
Air Flow	26,2 - 104.8 m³/h
Noise	17 - 24.9 dB(A)
Bearing	Sleeve Bearing
Heatpipe	6 x 6 mm
Max. TDP	280 W
Manufacturer Number	Silver Arrow ITX
EAN Code	814256001069
Order Number	100700416

Logistical Data

Height (packing unit)	190 mm
Width (packing unit)	250 mm
Depth (packing unit)	215 mm
Gross weight (packing unit)	1.98 kg
Height (shipping box)	220 mm
Width (shipping box)	600 mm
Depth (shipping box)	640 mm
Gross weight (shipping box)	13.5 kg
pcs / ctn	6
Code	814256001069
Harmonized code	84733080000
Country of origin	China



With the Silver Arrow ITX we present a variant of our award-winning twin tower cooler, which has been specifically designed to work on Mini-ITX based gaming systems. If you are looking for a powerful CPU-cooler for your Mini-ITX system and if your case offers the needed space, the Silver Arrow ITX is certainly the right choice for you.

The Silver Arrow ITX is presented in a stylish "Black Nickel Design" and thus visually stands out from the "grey" average of CPU-coolers. The copper heatpipes and the mounting materials are black nickel plated as well and offer in conjunction with the black heat pipe caps a very unique look.

The twin tower design allows for a particularly large surface area and thus forms the basis for outstanding cooling performance of the Silver Arrow ITX. Due to the design of the fins, which has been adapted to fit perfectly to the included fan, the cooler offers especially at low fan speeds and low air flow rates an outstanding cooling performance.

The aluminum fins of the Silver Arrow ITX have been optimized to the specs of the Asus "Republic of Gamers" Mini-ITX motherboards. The design guarantees that incompatibilities to memory modules and VGA cards are excluded on these boards. A compatibility list for all current Intel LGA1150 Mini-ITX boards can be found at the bottom of the page.

As with all our high performance coolers the Silver Arrow ITX makes use of the well-proven heat pipe technology. A total of six high-performance 6 mm heatpipes provide the most efficient dissipation of the generated processor heat. The heatpipes are tightly integrated into the nickel-plated copper base plate, which guarantees the most effective heat dissipation.

The base of the cooler features a slightly convex shaped support surface. The design, first developed by us several years ago, has been "borrowed" from various other manufacturers since. In comparison to flat surfaces, the convex shape further optimizes the cooling performance - especially on Intel systems.

The included TY 149 fan is temperature controlled (PWM) – the fan speed varies (depending on the CPU temperature) between 300 and 1,300 rpm. The air flow of the for silent operation optimized fan varies between 26.2 and 104.8 m³/h, while generating a noise level of about 17 – 24,9 dB(A). This means, the fan will hardly be noticeable during standard operation. The fan features the mounting points of a conventional 120 mm fan and has a larger inner diameter than conventional 140 mm fans. The silent running fan is fitted securely to the heatsink with the included, revised fan brackets - adhesive anti-vibration pads allow for decoupled mounting.

A universal mounting kit is included with the Silver Arrow ITX that supports all current Intel- and AMD sockets (Intel LGA775/1366/1156/1155/2011/1150/2011-3/1151* und AMD AM2/AM2+/AM3/FM1/FM2/FM2+). The installation is easy and self-explaining. An illustrated manual is included. The equipment is completed by the excellent Thermalright Chill Factor 3 thermal paste (blister) and a pair of white cotton gloves.

Please mind the installation height of the Silver Arrow ITX (165 mm) and check, if your case offers enough space for the installation of this twin tower cooler.

*We strongly recommend to use our specially designed 1151 Support Spacer when mounting the cooler on LGA11 "Skylake" CPUs. Please send us an email, to receive them for free.

