



Thermalright

Archon IB-E X2



Technical Data

Length	155 mm (incl. fans)
Width	106.5 mm (incl. fans)
Hight	165 mm (incl. fans)
Weight	1,100 g (incl. fans)
Fan Speed	900 - 1,300 rpm
Air Flow	96.2 - 125.7 m³/h
Noise	17 - 21 dB(A)
Bearing	Two Ball
Connector	4-Pin PWM
Heatpipe	8 x 6 mm
Max. TDP	320 W
Manufacturer Number	Archon IB-E X2
EAN Code	814256001014
Order Number	100700544

Logistical Data

Height (packing unit)	154 mm
Width (packing unit)	230 mm
Depth (packing unit)	190 mm
Gross weight (packing unit)	1.86 kg
Height (shipping box)	330 mm
Width (shipping box)	410 mm
Depth (shipping box)	480 mm
Gross weight (shipping box)	16 kg
pcs / ctn	8
Code	814256001014
Harmonized code	84733080000
Country of origin	China



With the Archon IB-E X2 we present a revised version of one of the most powerful single tower coolers in the world. In the most recent edition the heatsink has been modified to meet current customer requirements. The Archon IB-E X2 uses a dual-fan design, which has been optimized for the needs of the most demanding users. True to the motto "innovated - not imitated" the current flagship of the cooler series makes use of innovative new features to improve an already excellent product even further.

To ensure the best possible compatibility with motherboards and cases, the aluminum fins of the revised Archon are now staggered. Once more we are able to prove that we are happy to respond to the suggestions of the fan community. The revised design ensures that the top PCIe slot on ATX motherboards is no longer blocked by the heatsink.

On the other side the heat sink does not protrude beyond standard ATX motherboards, which also excludes incompatibilities with fans mounted under the top cover or power supplies installed at the top of the case. Finally we were able to reduce the total height of the Archon IB-E X2 by approximately 5 mm, which means, the cooler can now also be used in Midi Towers, for which the predecessor was simply too high.

The effective cooling area of the heat sink - with the dimensions of 150 x 125 mm - ensures that the air flow of the two 140 mm fans almost completely passed through the cooling fins, and thus the maximum cooling effect can be achieved. Naturally, any conventional 120 or 140 mm fan can be combined with the Archon IB-E X2. The relatively shallow depth of the cooler of just 55 mm (without the fans) ensures that even high RAM-modules can easily be used – regardless of whether 4 or 6 slots are available.

The ball-bearing fans are temperature controlled (PWM) - the speed ranges from 900 - 1,300 rpm, depending on the temperature of the CPU. The use of two fans means that both fans can work in most cases almost idle. By using two fans both TY-141 will be working at idling speeds most of the time. At the minimum speed of 900 rpm, the TY-141 reach 28.3 CFM air flow, at the maximum speed of 1,300 rpm the TY 141 each pump an impressive 73.6 CFM through the heatsink. A Y-cable is supplied to regulate both fans over a single PWM fan connector of the motherboard.

To guarantee a most silent operation, the TY-141 uses seven special "torpedo" style blades. In conjunction with the optimized wings and the streamlined frame design, this allows for a very effective and also particularly quiet air flow. Two pairs of fan clips for fans with 120mm mounting holes are included. Thus, conventional 120 mm fan can be mounted as well, such as all models of our 140 mm TY fan-family.

The heatsink features eight sintered high-end heat pipes to dissipate the processor heat very quickly. In connection with the two TY 141 fans all current processors can be cooled effectively. Thus, the Archon IB-E X2 offers a far superior cooling performance, which further consolidates its leading position among the top single tower models.

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 Archon IB-E is, of course, multiplatform compatible and comes with mounting material for all common processors. Owner of Intel LGA 775/1366/1155/1156/2011/1150/2011-3/1151* motherboards can use the cooler as well as users of AMD AM2/AM2+/AM3/AM3+/FM1/FM2/FM2+.

Included is the high-quality Chill Factor III thermal paste in a convenient 2 gram syringe.

*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.

