

Uputstvo za upotrebu (EN)

Be Quiet Dark Rock PRO BK023 kuler za procesor

The logo for the brand 'be quiet!' is displayed. The word 'be' is in black, 'quiet!' is in orange, and there is a registered trademark symbol (®) to the upper right of the exclamation point.

Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/be-quiet-dark-rock-pro-bk023-kuler-za-procesor-akcija-cena/>



DARK ROCK PRO TR4

be quiet!®

Introduction: Thank you for deciding to purchase a be quiet! product. The following instructions will guide you through the installation process. If you do encounter installation problems, please don't hesitate to contact our customer services by mailing service@bequiet.com. Please note that be quiet! cannot accept liability for damage caused by compatibility problems.

Warranty:

- 3-year manufacturer guarantee for consumers (original purchase from authorized be quiet! dealers only)
- Guarantee work can only be processed with a copy included of the purchase receipt from an authorized be quiet! dealer
- Manipulation and structural changes of any kind, including any damage caused by external mechanical force, will lead to a complete voiding of the guarantee
- Our General Warranty Conditions apply, which can be viewed on bequiet.com

Listan GmbH · Wilhelm-Bergner-Straße 11c · 21509 Glinde Germany

For further information contact us via e-mail: service@bequiet.com

! We recommend removal of the cooler prior to transportation.

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www.bequiet.com/bk023

- EN » Product information for this CPU cooler
- DE » Produktinformationen zu diesem CPU-Kühler
- FR » Informations produit pour ce système de refroidissement
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SCOPE OF DELIVERY

	Part name	Quantity
①	be quiet! Dark Rock Pro TR4 cooler	1
②	135mm fan	1
③	120mm fan	1
④	Long TR4 mounting bracket	1
⑤	Short TR4 mounting bracket	1
⑥	Cooler mounting bridge	1

	Part name	Quantity
⑦	TR4 spacer nuts	4
⑧	TR4 screws	4
⑨	Cross-tip screwdriver	1
⑩	Thermal paste	1
⑪	Fan clips	6
⑫	Y cable	1

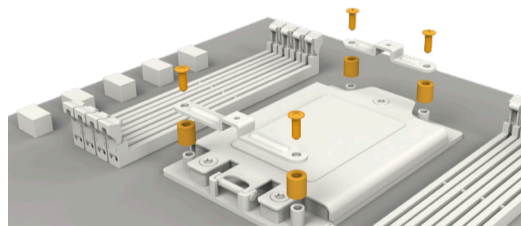
AMD: sTRX4 / TR4

General

We recommend preparatory mounting of the cooler outside the PC case for subsequent installation. Recommended for CPUs with up to 32 cores in very well ventilated cases.

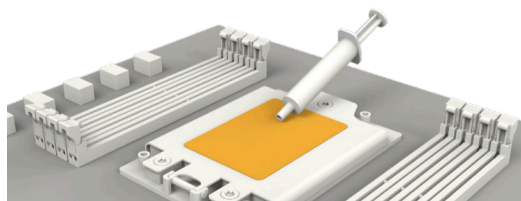
Assembly of the cooler mounting frame

Place the TR4 spacer nuts (7) onto the socket bolts protruding through the front side and affix the long TR4 mounting bracket (4) with the TR4 screws (8). Next assemble the opposite side with the short TR4 mounting bracket (5) as you did before.



Mounting the CPU cooler:

First remove the protective foil from the underside of the cooler. Spread the thermal paste (10) on the surface of the CPU. The amount supplied is sufficient for one or two applications.

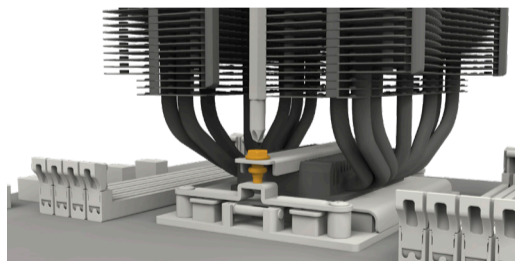


Caution: The thermal paste supplied is not suitable for human consumption. If swallowed, drink lots of water and urgently seek medical attention. Keep it out of the reach of children. Avoid contact with skin and eyes.

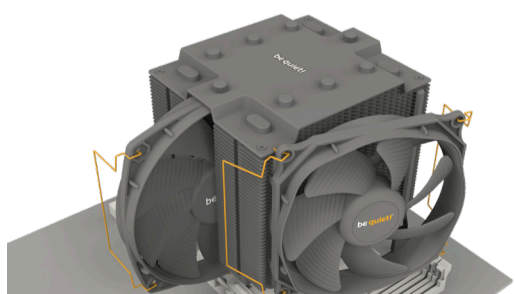
Position the Cooler mounting bridge (6) centrally on the cooler (1). Next place the cooler unit over the CPU. Loosen both heatpipe caps that are found in the middle of the topside of the cooler.



Tighten the screws of the cooler mounting bridge alternately. You can use the cross-tip screwdriver (9) for this. Subsequently retighten both heatpipe caps on the topside of the cooler.



Fasten the 120mm fan (3) using fan clips (11) onto the front side of the cooler. Slide the 135mm fan (2) between the two heatsinks and fasten this with fan clips (11). Connect both fans using the Y cable (12). Connect this to the CPU fan connector on the motherboard.



When dismantling the fans, push the notches of the fan clips (11) away from the fan.

Limited Warranty

As per the terms and conditions of this limited warranty as given below, be quiet! warrants its new products to be free of defects resulting from faulty materials and faulty manufacturing for the length of the warranty period.

I. APPLICABILITY

This non-transferable warranty is applicable to newly purchased, previously unopened be quiet! products and is enforceable by only the original consumer purchaser. Proof of purchase is required for warranty service, so should be retained. be quiet! does not provide warranty registration services.

II. WARRANTY PERIOD

For eligible products, parts and labor are warranted for the applicable warranty period from the date of purchase. The applicable warranty period varies by product model, and is identified in your user documentation, on the product package, or as listed below. Should any of these warranty periods differ, the longest specified warranty period will apply. Replaced products will be warranted for the remainder of the original warranty period or thirty days, whichever is longer.

III. EXCLUSIONS

The following are not covered by the warranty:

1. Normal wear and tear.
2. Any product which has been modified without permission from be quiet!, or on which the serial number or warranty sticker has been defaced, modified, or removed.
3. Damage, deterioration or malfunction resulting from: Accident, abuse, misuse or improper use, neglect, connection to an improper voltage source, unauthorized product modification, or failure to follow instructions included with the product. Fire, water, lightning, or other acts of nature. Repair or attempted repair by anyone not authorized by be quiet!. Shipping or transport damage (claims must be made with the carrier). Any other cause which does not relate to a defect in materials or manufacturing workmanship.
4. Cartons, cases, batteries, cabinets, tapes, accessories or other consumables used with this product.
5. be quiet!, Inc. does not warrant that this product will meet your requirements. It is your responsibility to determine the suitability of this product for your purpose.
6. Removal or installation charges.
7. Shipping charges.
8. Any incidental charges.

IV. EXCLUSION OF DAMAGES

be quiet!'s sole obligation and liability under this warranty is limited to the repair or replacement of a defective product at its option. be quiet! shall not, in any event, be liable for any special, incidental, indirect, or consequential damages whatsoever, including but not limited to loss of profits, revenue, or data (whether direct or indirect), damages resulting from interruption of service and loss of business,



DARK ROCK PRO TR4

be quiet!®

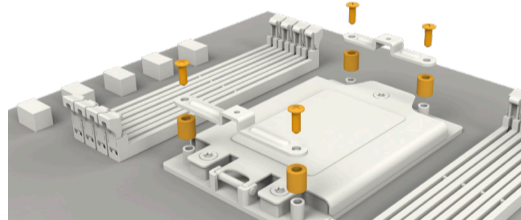
AMD: sTRX4 / TR4

Allgemeines

Für die Montage des Kühlers empfehlen wir die Installation außerhalb des Gehäuses. Empfohlen für CPUs mit bis zu 32 Kernen in sehr gut belüfteten Gehäusen.

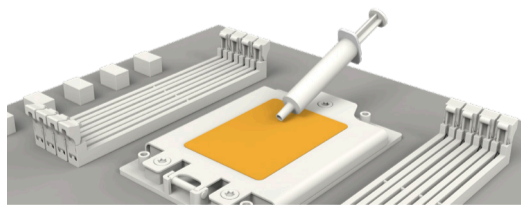
Aufbau des Kühlerbefestigungsrahmens

Platzieren Sie über die Vorderseite die vier TR4 Abstandsbolzen (7) auf die Bolzen des Sockels und fixieren die lange TR4 Montagebrücke (4) mit Hilfe der TR4 Schrauben (8). Wiederholen Sie anschließend den Vorgang auf der gegenüberliegenden Seite mit der kurzen TR4 Montagebrücke (5).



Montage des CPU-Kühlers

Entfernen Sie zunächst die Schutzfolie von der Unterseite des Kühlers. Tragen Sie die Wärmeleitpaste (10) auf die CPU Oberfläche auf. Der Inhalt reicht für ca. 1 – 2 Anwendungen.

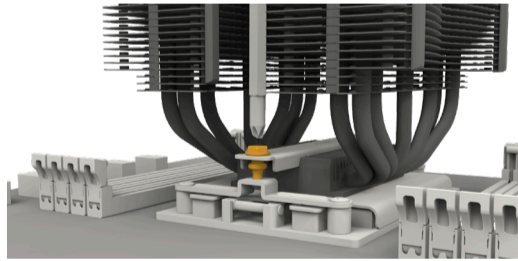


Vorsicht: Die mitgelieferte Wärmeleitpaste ist nicht zum Verzehr geeignet. Bei Verzehr ausreichend Wasser trinken und umgehend einen Arzt aufsuchen. Außerhalb der Reichweite von Kindern aufbewahren. Vermeiden Sie Haut- und Augenkontakt.

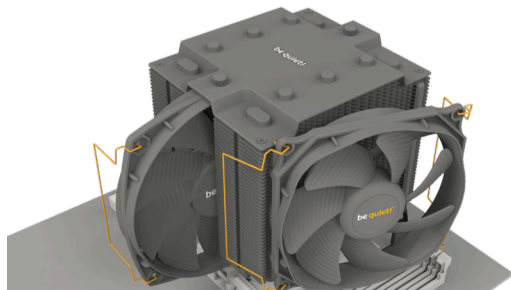
Legen Sie die Kühler-Montagebrücke (6) mittig auf den Kühler (1). Anschließend platzieren Sie den Kühler auf der CPU. Drehen Sie die beiden mittig positionierten Heatpipe-Caps auf der Oberseite des Kühlers ab.



Ziehen Sie die Schrauben der Kühler-Montagebrücke abwechselnd fest. Hierzu können Sie den Kreuzschraubendreher (9) benutzen.



Befestigen Sie den 120mm Lüfter (3) mit Hilfe der Lüfterklammern (11) auf der Vorderseite des Kühlers. Den 135mm Lüfter (2) schieben Sie zwischen den beiden Kühlkörpern entlang und befestigen auch diesen mit den Lüfterklammern (11). Verbinden Sie die beiden Lüfter über das Y-Kabel (12) und schließen Sie dieses an den CPU Lüfteranschluss des Mainboards an.



Zur Demontage der Lüfter drücken Sie die Kerben der Lüfterklammern (11) vom Lüfter weg.

Einleitung: Vielen Dank, dass Sie sich für ein be quiet! Produkt entschieden haben. Diese Anleitung wird Ihnen beim Installationsprozess behilflich sein. Sollten bei der Installation Schwierigkeiten auftreten, kontaktieren Sie bitte unseren Kundenservice unter service@bequiet.com. be quiet! kann keinerlei Haftung für durch Kompatibilitätsprobleme bedingte Schäden übernehmen.

Garantie:

- 3 Jahre Herstellergarantie für Endkonsumenten (nur Erst-erwerb vom autorisierten be quiet! Händler), ab Datum des Kaufbelegs
- Eine Garantieabwicklung ist nur in Verbindung mit einer beigefügten Kopie des Kaufbeleges eines autorisierten be quiet! Händlers möglich
- Manipulationen und bauliche Veränderungen jeglicher Art, sowie Beschädigungen durch äußere mechanische Einwirkungen führen zum totalen Garantieverlust
- Es gelten unsere allgemeinen Garantiebestimmungen, die Sie unter www.bequiet.com im Internet abrufen können

Listan GmbH · Wilhelm-Bergner-Straße 11c · 21509 Glinde Deutschland

Für weitere Unterstützung erreichen Sie uns via E-Mail: service@bequiet.com

! Wir empfehlen den Kühler für den Transport auszubauen.

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LIEFERUMFANG

	Bezeichnung	Anzahl
①	be quiet! Dark Rock Pro TR4 CPU-Kühler	1
②	135mm Lüfter	1
③	120mm Lüfter	1
④	Lange TR4 Montagebrücke	1
⑤	Kurze TR4 Montagebrücke	1
⑥	Kühler-Montagebrücke	1

	Bezeichnung	Anzahl
⑦	TR4 Abstandsbolzen	4
⑧	TR4 Schrauben	4
⑨	Kreuzschraubendreher	1
⑩	Wärmeleitpaste	1
⑪	Lüfterklammern	6
⑫	Y-Kabel	1

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or for liability in tort relating to this product or resulting from its use or possession, even if be quiet! has been advised previously of the possibility of such damages.

V. LIMITATIONS OF IMPLIED WARRANTIES

There are no other warranties, expressed or implied, including but not limited to those of merchantability or fitness for a particular purpose. The duration of implied warranties is limited to the warranty length specified in Paragraph II.50

VI. LOCAL LAW AND YOUR WARRANTY

This warranty gives you specific legal rights. You may also have other rights granted under local law. These rights may vary.

VII. NO OTHER WARRANTY

No be quiet! employee, dealer, or other agent is authorized to make any modification, extension, or addition to this warranty.

VIII. TO OBTAIN TECHNICAL SUPPORT OR WARRANTY SERVICE

Please see your product owner's manual or visit the service section at www.bequiet.com for details and contact information. You will need to provide proof of purchase for warranty service.

Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda Be quiet!, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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