



## **220W TDP**

## **IDEAL APPLICATIONS**

High-resolution gaming and multimedia Overclocked systems Demanding graphics applications

### **HIGHLIGHTS**

Extremely high cooling efficiency Two virtually inaudible Silent Wings 135mm PWM fans Powerful dual heat sink layout

#### **No Compromise Silence and Performance**

One of the hardest things to do in a compact PC is quietly cool a high-performance CPU even in extreme overclocking conditions. The top-flow cooler Dark Rock TF with be quiet!'s famous silent technology offers a perfect solution to this challenge.

#### Highlights »

- Extremely high 220W TDP cooling performance
- Dual heat sinks with anti-vibration rubber inserts
- Six high-performance 6mm heat pipes with aluminum caps
- Two virtually inaudible Silent Wings 135mm PWM fans (max. 26.7dB(A))
- Fans equipped with durable fluid-dynamic bearing and smooth 6-pole motor
- Space-saving single fan assembly also supported
- Special black coating with ceramic particles enables perfect heat transfer
- Brushed aluminum covers
- 3-years manufacturer's warranty
- Product conception, design and quality control in Germany

#### Dark Rock TF »

Dark Rock TF offers the best performance-to-noise ratio for compact PC systems. It strikes the perfect balance between cooling and serenity with absolutely no compromise in silence and performance.



# **DARK** ROCK TF

## NO COMPROMISE SILENCE AND PERFORMANCE

Technical data for complete cooler unit »		
Type of cooler	Dark Rock TF	
Model number	BK020	
EAN code	4260052184233	
Dimensions, incl. fan (L x W x H in mm)	162.6 x 140 x 130.8	
Weight, incl. fan (g)	810	
Heat sink material	Aluminum	
Socket compatibility	Intel: Intel: 1200 / 2066 / 775 / 1150 / 1151 / 1155 / 1156 / 1366 / 2011(-3) Square ILM AMD: AM4 / AM3 (+) / AM2(+) / FM1 / FM2(+)	
Maximum power capacity (W TDP)	220	
Number of heat pipes / diameter (mm)	6/6	
Noise level (dB(A)) @ 50 / 75 / 100% rpm	11.9 / 19.3 / 26.7	
Technical data for Silent Wings PWM fans »		
Fan dimensions (mm)	135 x 135 x 22	
Fan motor technology	6-pole	
Bearing type	Fluid-dynamic	
Fan speed (rpm) @ 100% PWM	1400	
Noise level (dB(A)) @ 1,400rpm	20.8	
Input current (A)	0.20	
Connector	4-pin PWM	
Lifespan (h)	300,000	
Accessories	Mounting set for Intel® and AMD™, Y-cable, Manual (EN, DE, FR, PL, ES, RU)	

Certifications »			
RoHS 2005/95/EC	CE	c Rae US	

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