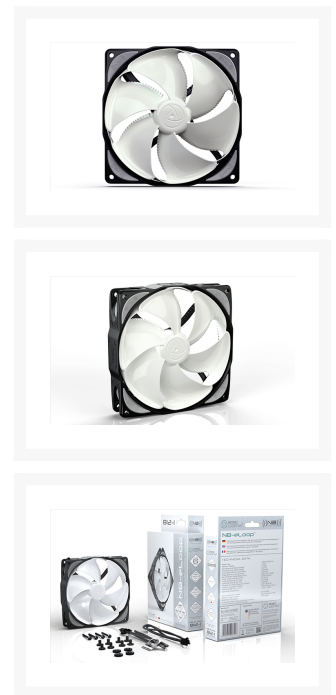




**(((NB)))<sup>®</sup> Noiseblocker NB-eLoop  
B12-1 120mm x 25mm  
Ultra Silent Bionic Blade  
Fan - 800 RPM - Below 8  
dBA**

Special Price  
**\$15.16** was  
**\$18.95**

### Product Images



### Short Description

The world's first high-tech compact fan with patented bionic Bionic rotor loop is from Germany. Developed with the support of the Federal Economics Ministry and the bionic Dr. Rudolf Bannasch we make with the NB-

ELOOP series against the currently most advanced fan in the world. The NB-ELOOP series sets new records in almost every category and convinced by our quality product. Newly developed storage and drive as well as the tried-NB cable management and a 12-piece mounting for vibration-free mounting complement the overall unique setup.

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The new design eliminates the edge of the vertebrae are formed between the suction and pressure side of the wing tips. The tip vortices are here broken down into smaller vortex edge and spread evenly. The resulting at the blade trailing edge tip vortex can be reduced by vorticity guides to a minimum. The result is a significant improvement in glide ratio which leads to a reduction of the aerodynamic flow induced noise and improves energy efficiency.  
dust-resistant super-smooth surface, original material Bayer Makrolon ®.

## Features

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### Bionic Fan Chassis

- Aerodynamically optimized Abströmfeld
- 4 resonance / interference absorbers (Deep Sound Design)
- Magnified by Einströmfeld ply construction
- Super-linear performance throughout the rev range, flow-optimized
- Glass fiber reinforced PBT frame Materialmassierter UL94V0 30% GF

### NB-EKA 2 Drive

- Auto restart function for safe start.
- Built-in locking and overload protection.
- NB scalable Wide Range Electronics
- Low starting voltage
- Speed signal line
- AntiDust Technology (completely dust-Protected Motor)

### NB-2 magnetic levitation bearing NanoSLI

- Lubrication and noise reduction of vertical and horizontal operation without increasing the volume
- AntiDust Technology (completely dust-proof bearings)
- Lubrication with special nanotechnology for high durability and low operating noise

### NB Cable Management

- Plug-sheathed cable, 1x 20cm + 1 x 50cm

### Vibration-free mounting

- The included 12-piece mounting kit allows for vibration-free assembly, which reduces the operating noise when installed.

### Warranty

- Six years, according to NB warranty terms

# Specifications

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<b>Dimensions:</b>	120 x 120 x 25 mm
<b>Speed:</b>	800 RPM $\pm$ 10%
<b>Noise:</b>	7.83
<b>Max. Airflow:</b>	33.7 CFM 57.3 m <sup>3</sup> /h
<b>Static Pressure:</b>	0.585 mmH <sub>2</sub> O
<b>Bearing:</b>	NB-2 magnetic levitation bearing NanoSLI®
<b>Voltage Range:</b>	5.4 - 12.0 V DC
<b>Starting Voltage:</b>	5.4 V DC
<b>Input Current:</b>	0.03A
<b>Input Power:</b>	0.33W
<b>MTBF at 25°C:</b>	160,000 hrs.
<b>Operating Temp.:</b>	-10°C to +60°C
<b>Chassis Material:</b>	PBT 30%GF
<b>Impeller Material:</b>	Bayer Makrolon (PC)
<b>Vibration Dampening Material:</b>	Silicone Mix
<b>Weight:</b>	123g
<b>Warranty:</b>	6 Years

## Additional Information

Brand	Blacknoise
SKU	NB-ELOOP-B12-1
Weight	0.5000
Color	Black
Fan Dimensions	120mm
Fan Width	25mm
Fan Connection	3-Pin
Fan Voltage	12 VDC
Fan RPM	800
Fan CFM	34
Fan Noise (dB)	8
Vendor SKU/EAN	4250051906417
Internet Reviews	<p>ThermalBench Review: The Blacknoise NB-eLoop B12-1 costs \$22.95 from Performance PCs in the USA as of the date of this article. This is definitely on the higher side of average as far as fan prices go, but keep in mind that the price includes industrial grade construction and some good accessories as well, along with a 6 year warranty and a massive 160,000 hour MTBF. In terms of looks and design, it is one of the more unique fans out there and the black/white color scheme is gaining popularity in recent months too. Blacknoise is one of the few fan manufacturers who have their own testing facilities and it does show in all the proprietary technologies that have gone in this fan. All 8 fans I have performed very close to each other which is good, and mostly matched the advertised specs other than the starting voltage which was higher here. In terms of performance, it does very well in both airflow at the same fan RPM as well as from an airflow/noise ratio. In terms of noise levels, there are other fans that are quieter at the same fan speeds but not by a big margin. The ultralow power draw means that you can definitely power a lot of these easily but the biggest issue of the fan design resulting in a drone-like noise in a pull configuration may be enough to deter people towards other options. <a href="#">Click here to read more!</a></p>
Special Price	\$15.16

