

If you've never heard of SilentWings^{USC}, then we are mightily relieved.

When it comes to developing new products, we follow every idea at be quiet! with great passion. In doing so, we focus on quality, perfection and effectiveness. And what makes it so special is that we make everything very quiet.

SilentWings^{USC}

The new generation of SilentWings^{USC} fulfils our requirements because of our expertise, several be quiet! ideas have been protected by German Utility Patent and a variety of technical innovations can be found in the three new housing fans. The effect: Our SilentWings^{USC} are particularly long-lasting and markedly quiet with a simultaneously high airflow.



The facts:

The Ultra-Silent Concept (USC)

- **Innovation:** screwless anti-vibration fixtures and rubberised fan frame, protected by German Utility Patent.
Effect: Quiet operation thanks to the reduction of vibrations and simple installation without tools.
- **Innovation:** High-airflow-performance design with flow-optimised fan blades on both sides, protected by German Utility Patent.
Effect: Quiet operation and optimum airflow.
- **Innovation:** A high-quality IC controls the motor.
Effect: Minimisation of electrical noises at a constantly high running smoothness.

The FDB (Fluid Dynamic Bearing) bearing with copper core

- **Innovation:** An optimised design.
Effect: Quiet operation without mechanical friction. Lifespan of almost 300,000 hours. Improved and quicker heat conduction thanks to the use of copper core.

Other feature

- The auto-restart function.
Effect: Automatic restart of the fan after a break in operation. Avoids overheating and a power-fail restart of a computer system.
- The low 3.5-V initial voltage.
Effect: Early cooling of the computer system.



Purchased parts package

- 1× fan
- 1× 450mm sleeved cable with 3-Pin connection
- 1× 3:4-Pin adapter for connection to 12V supply
- 1× 12V:7V adapter for the reduction of rotational frequency
- 5× mounting pins incl. 5× rubberised washers for screwless installation

The specifications:

Characteristics (12V)	80mm	92mm	120mm
Dimensions (mm)	80 x 80 x 25	92 x 92 x 25	120 x 120 x 25
Operational voltage (V)	12	12	12
Operating range (V)	3,5 - 14	3,5 - 14	3,5 - 14
Life expectancy (hrs)	300.000	300.000	300.000
Rotational frequency (rpm)	2.000	1.800	1.500
Rotational frequency (rpm at 7V)	1.300	1.100	950
Noise emission (dBA)	15	16	17
Airflow (m³/h)	44,2	55,4	85,5
Air pressure (mm/H2O)	2,25	1,98	1,63
Current consumption (mA)	68	50	90
Power consumption (W)	0,82	0,6	1,09