



SILENT WINGS 3

NO COMPROMISE SILENCE AND PERFORMANCE

140mm PWM • 140mm PWM high-speed • 120mm PWM • 120mm PWM high-speed

IDEAL APPLICATIONS

Very quiet workstations and desktop PCs
High-resolution gaming and multimedia systems
Super silent water-cooled PCs
Extremely overclocked systems

HIGHLIGHTS

Very silent even at high-speed operation
Optimized fan frame and blades
Smooth-running 6-pole fan motor
Noise absorbing anti-vibration concept
4-pin connector

No Compromise Silence and Performance

be quiet! SilentWings[®] 3 PWM fans stand for state-of-the-art technology, virtually inaudible operation and superior cooling. Their secret: a smooth-running 6-pole fan motor, an advanced fluid-dynamic bearing, a unique airflow-optimized fan blade design and a fan frame with funnel-shaped air inlets.

Highlights »

- Great performance-to-noise ratio with the perfect balance between cooling and silence
- 6-pole fan motor with three phases giving very low power consumption and less vibration
- Advanced fluid-dynamic bearing (FDB) enables a super long fan life of up to 300,000 hours
- Seven fan blades with optimized surface structures ensure excellent airflow
- The rubberized fan frame is equipped with funnel-shaped air inlets producing extremely high air pressure
- Removable anti-vibration mountings minimize the transmission of vibrations to the PC case and its components
- Advanced high quality IC motor controller reduces electrical noise
- High-speed models are especially recommended for use in powerful water cooling and air cooling set ups
- PWM controlled fan speed by the motherboard
- 3-year manufacturer's warranty
- Product conception, design and quality control in Germany

SilentWings[®] 3 PWM »

They are your best choice for any application that requires the ultimate in quiet operation and uncompromised performance.



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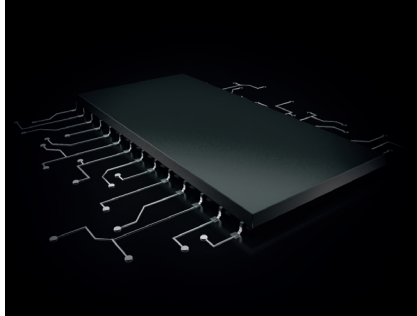
NO COMPROMISE SILENCE AND PERFORMANCE

Features »



Innovative 6-pole fan motor

6-pole fan motor with 3 phases for very low power consumption, less vibrations and therefore quieter operation.



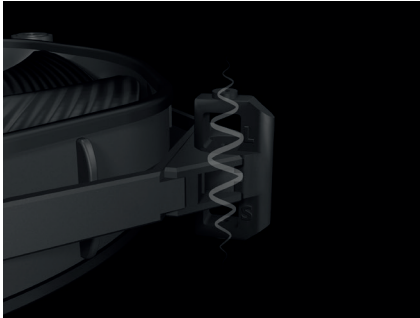
High-quality motor controller

The high quality motor controller leads to a minimization of electronic noises.



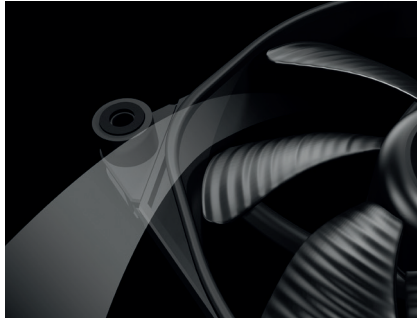
Airflow-optimized fan blades

Seven fan blades with optimized surface structure ensure virtually inaudible operation and excellent airflow.



Anti-vibration mountings

Removable anti-vibration mountings on all four edges of the fan reduce the transmission of vibrations to the PC case to a minimum.



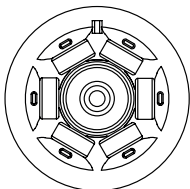
Rubberized fan frame

The rubberized fan frame is equipped with funnel-shaped air inlets for excellent air circulation and pressure.

Technical Data »

Model	140mm PWM	120mm PWM	140mm PWM high-speed	120mm PWM high-speed
Article no.	BL067	BL066	BL071	BL070
EAN Code	4260052184271	4260052184264	4260052184769	4260052184752
Dimensions, (W x H x D in mm)	140 x 140 x 25	120 x 120 x 25	140 x 140 x 25	120 x 120 x 25
Fan speed (rpm) @ 100% PWM	1,000	1,450	1,600	2,200
Noise level (dB(A)) @ 100% PWM	15.5	16.4	28.1	28.6
Airflow @ 12V (cfm / m3/h)	59.5 / 101.09	50.5 / 80.47	77.57 / 131.79	73.33 / 124.58
Air pressure (mm / H2O)	1.08	1.79	2.16	3.37
Voltage range DC (V)	5-13.2	5-13.2	5-13.2	5-13.2
Input power (W)	3.6	1.44	6	4.44
Input current (A)	0.3	0.12	0.5	0.37
Connector	4-pin	4-pin	4-pin	4-pin
Lifetime @ 25°C (h)	up to 300,000	up to 300,000	up to 300,000	up to 300,000
Accessories	Rubber & hard plastic mountings, fan screws			

6-Pole Fan Motor »



6 poles contribute to:

- smoother transition between magnetic poles
- less vibration for quiet operation
- reduced power consumption
- low start-up voltage

Contact »

Service Hotline: +49 40 7367 686 44
(Mondays to Fridays from 9:00am to 5:30pm CET)

Mail: service@bequiet.com