



SHADOW WINGS

WHISPER QUIET AND PERFECT COOLING

80mm

premium

IDEAL APPLICATIONS

Gaming
Multimedia
Demanding graphics applications
Entertainment PC

HIGHLIGHTS

Super-quiet operation at 8,4dB(A)
Long-lasting rifle bearing
Anti-vibration concept
3-pin connector
Screwless mounting

Very quiet operation

Low-noise operation due to high-quality rifle bearing. The parallel arrangement of recesses on the outer side of the bearing shaft ensure uniform circulation of the high-quality oil and make the fan very quiet. Mechanical noise is minimized by anti-vibration fasteners and the rubberized fan frame. The high-quality IC motor controller reduces electrical noise sources.

Long service life

Reliable cooling for up to 200,000 hours thanks to the high-quality rifle bearing.

High air flow

The flow-optimized surface structure of the fan blades produce more air flow in combination with smooth running.

Simple assembly

Screwless installation makes handling simple.

Service

3 year manufacturer guarantee.



80mm

Technical data							
Fan size	80mm Low Speed	80mm Medium Speed	92mm Medium Speed	120mm Low Speed	120mm Medium Speed	120mm High Speed	140mm Medium Speed
Article no.	BL050	BL051	BL052	BL053	BL054	BL055	BL056
Dimensions, incl. fan (W x H x D in mm)	80 x 80 x 25	80 x 80 x 25	92 x 92 x 25	120 x 120 x 25	120 x 120 x 25	120 x 120 x 25	140 x 140 x 25
Fan speed @ 100% PWM	1400	2000	1800	800	1500	2200	1000
Noise level (dB(A)) @ 100% PWM	8.4	15.8	16.9	9.8	17.9	29.7	17.4
Airflow @ 12V (cfm / m3/h)	14.8 / 23.8	26 / 44.1	32.6 / 54.4	22.5 / 37.4	50.5 / 85	76.2 / 129.1	60.4 / 101.9
Air pressure (mm/H ₂ O)	0.97	2.25	1.98	0.3	1.63	2.7	0.81
Operating range (VDC)	5–12	5–12	5–12	5–12	5–12	5–12	5–12
Input power (W)	1.44	1.8	2.04	1.08	2.4	5.4	2.4
Input current (A)	0.12	0.15	0.17	0.09	0.20	0.45	0.20
Connector	3-pin	3-pin	3-pin	3-pin	3-pin	3-pin	3-pin
Lifetime L10 at 25°C	up to 200,000h	up to 200,000h	up to 200,000h	up to 200,000h	up to 200,000h	up to 200,000h	up to 200,000h
Accessories	7V adapter, anti-vibration accessories						

SILENTWINGS TECHNOLOGY

SilentWings Technology

Delivers particularly quiet, reliable and high-performance fan operation. This is the result of our proprietary blade design, a high-quality bearing and a fan wheel that is counterbalanced in a special process.



High-quality bearing

A high-quality bearing without mechanical friction results in very quiet operation in combination with an extended service life.



Individually counterbalanced fan wheel

Individual balancing of the fan's wheel, in which the smallest imbalance is detected and corrected, results in virtually vibration-free operation

Flow optimized fan blades

The High-Airflow-Performance-Design with flow-optimized fan blades on the front and rear sides provides low-noise operation and optimal cooling.

Logistic data	
Model	BQT T8025-LR-2
Article no.	BL050
Packaging dimensions (W x H x D in mm)	147 x 83 x 41
Box weight (kg)	0,0492
Quantity per ship. box	120
Weight of ship. box (kg)	1,154
EAN code	4260052182680
Price (€)	11,90
Hotline: 0800 - 0736 736 (Mo-Fr 9:00–17:30)	