be quiet! Pure Base 501 Airflow Window

Lab ID BQCAS00149

Report Date: Feb 25, 2025

Scheme: DELTA

Lautstärkeklasse 

DELTA is a Cybenetics rating. It is not part of our ISO/IEC 17065 certification schemes and is outside our accreditation.

Level assigned with the Chassis Test Protocol Revision 2.0 limits

This chassis was tested before October 2026 with the earlier test procedure. Its result, 7.8 dB, is the measured pink-noise difference of that evaluation and is unchanged. In October 2026 its level was assigned again with the limits of Chassis Test Protocol Revision 2.0: A+ from 8 dB, A from 5 dB, Standard from 2 dB. The earlier procedure is not identical to the Revision 2.0 procedure, so this result is indicative when compared with chassis tested under Revision 2.0.



Aristeidis Bitziopoulos, Certification Body General Manager

General Information

Test Equipment

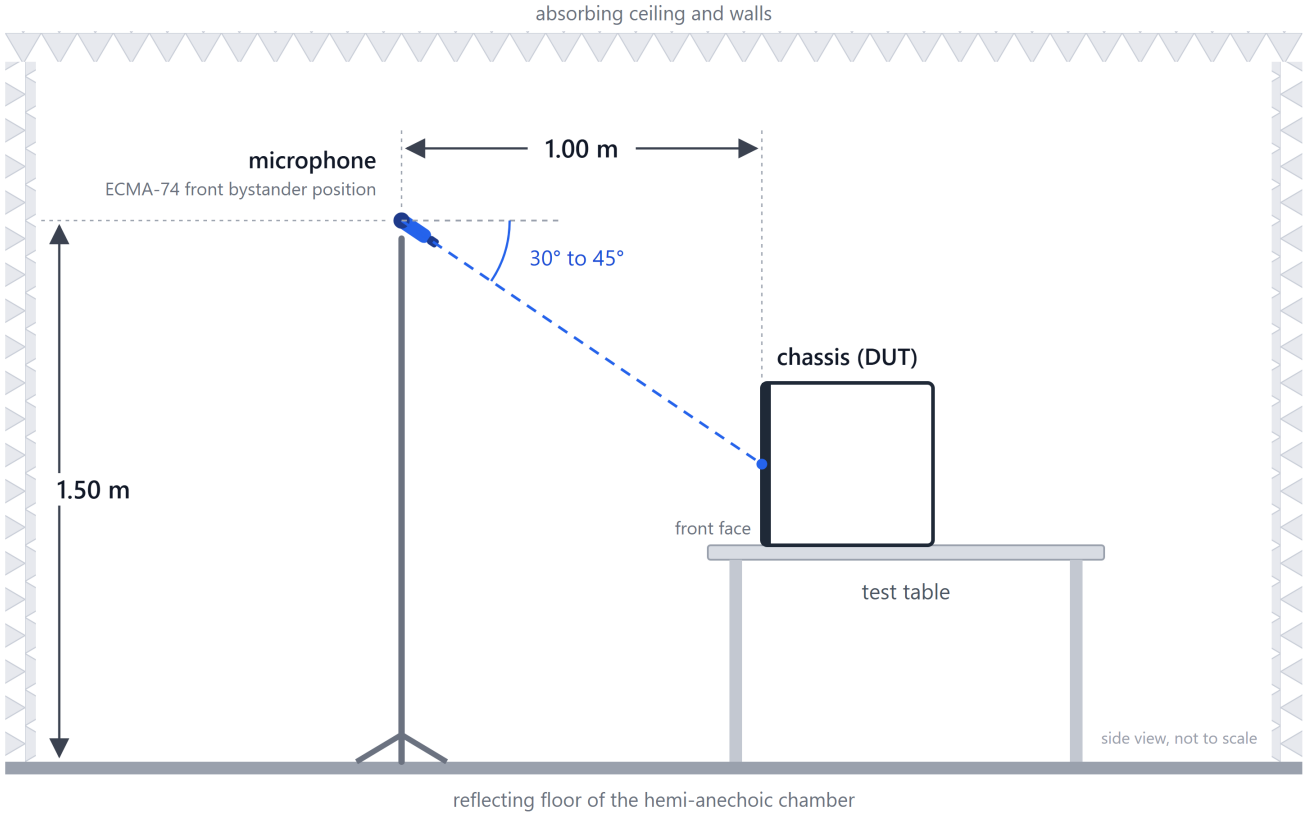
Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
Conditions	25(±2) degrees Celsius, 40-50% humidity

Sound Analyzer	Bruel & Kjaer 2270-S G4 & 2250-L G4
Microphone	Bruel & Kjaer Type 4955-A
Mic Calibrator	Bruel & Kjaer Type 4231
Data Logger	Picoscope TC-08

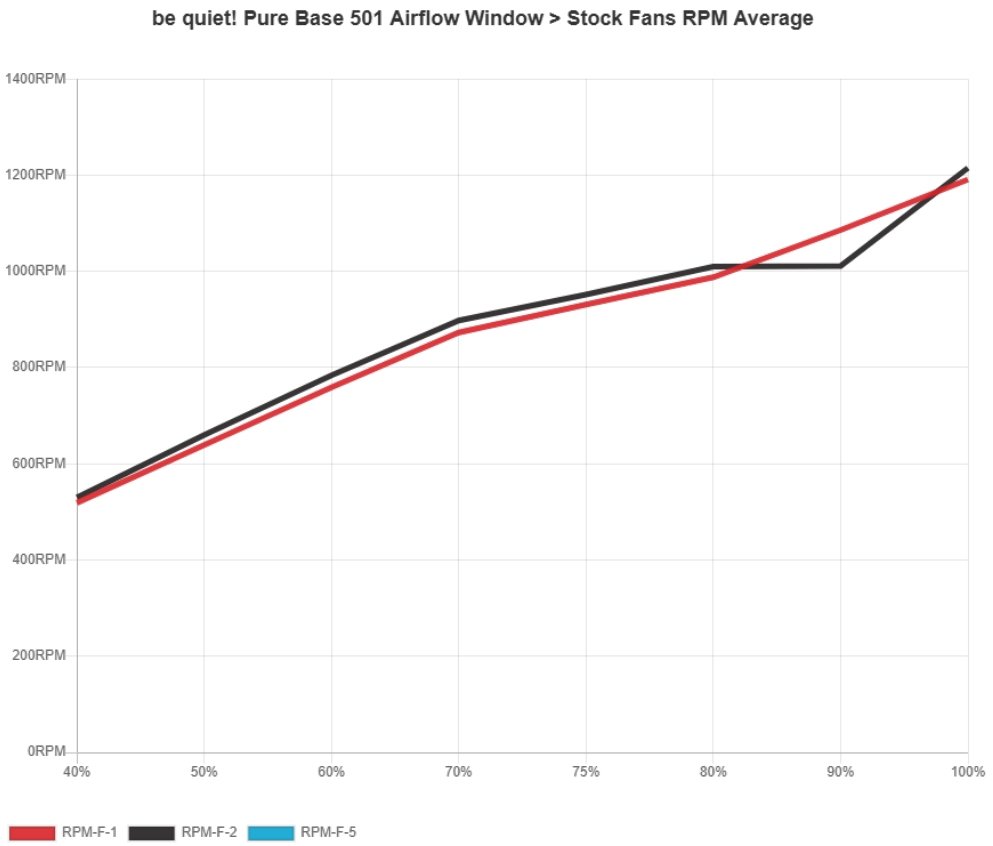
Technical Specifications Table

Brand	be quiet!
Product Name	Pure Base 501 Airflow Window
Type	Midi Tower
Dimensions (LxWxH)	450 x 231 x 463mm
Motherboard Support	Mini-ITX, Micro-ATX, ATX
Removable Motherboard Tray	No
Front Cover	Yes
Materials Body	Steel, Plastic, Sound Dampening Material, Tempered Glass
Materials Side Panel	**Left:** Tempered Glass **Right:** Sound-Dampened Steel
Expansion Slots	7x (Horizontal) / 5x (Vertical)
Drive Bays	**5.25":** - **3.5 " :** 2x Internal **2.5" :** 5x Internal
I/O Panel	1x USB 3.2 Gen 2 Type-C, 1x USB 3.2, 1x combo Audio Jack, 1x Power Button, 1x Reset Button
Pre-installed Fan(s)	**Front:** 1x 140mm **Rear:** 1x 140mm
Fan Support	**Front:** 3x 120mm / 2x 140mm **Top:** 2x 120mm / 2x 140mm **Rear:** 1x 120mm / 1x 140mm
Fan Bearing Type	Rifle
Fan Power Connector	4-Pin PWM
LED Controller	No
Radiator Support	**Front:** 120 / 140 / 240 / 280 / 360mm **Top:** 120mm / 140mm / 240mm **Rear:** 120mm / 140mm
CPU Cooler Height (Max)	178mm
VGA Length (Max)	368mm
PSU Length (Max)	200mm (180mm with offset HDD cage)
Behind MB Tray Clearance/Cable Management Support	19-23mm
Dust Filters	Top, Front, Bottom
PSU Support	Bottom Mount, ATX
Weight	7.2 kg
Warranty	3-years

Noise Measurements Test Set Up



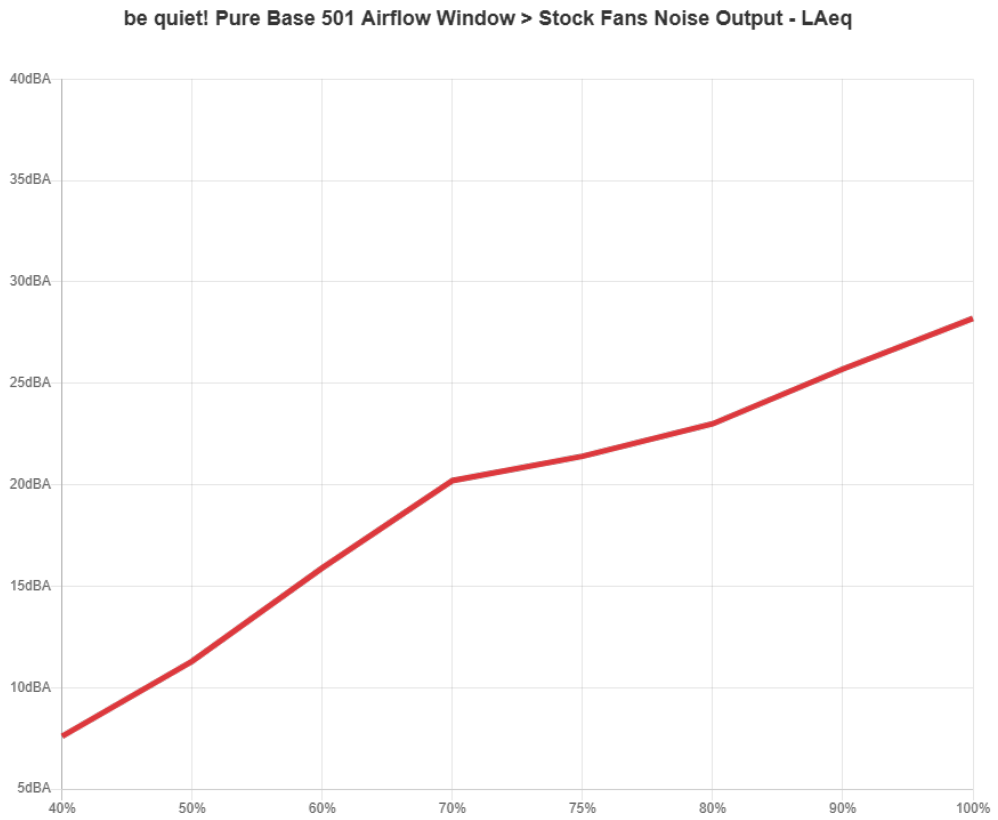
Stock Fan(s) RPM



INFO

Stock Fan Speed from 40% to 100%

Stock Fan(s) Noise Output – LAeq

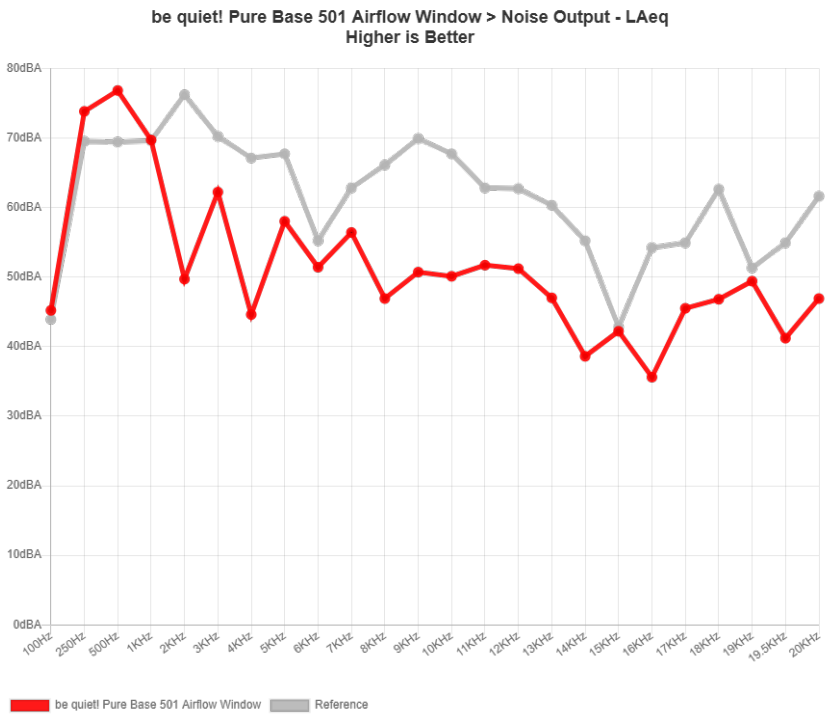


INFO

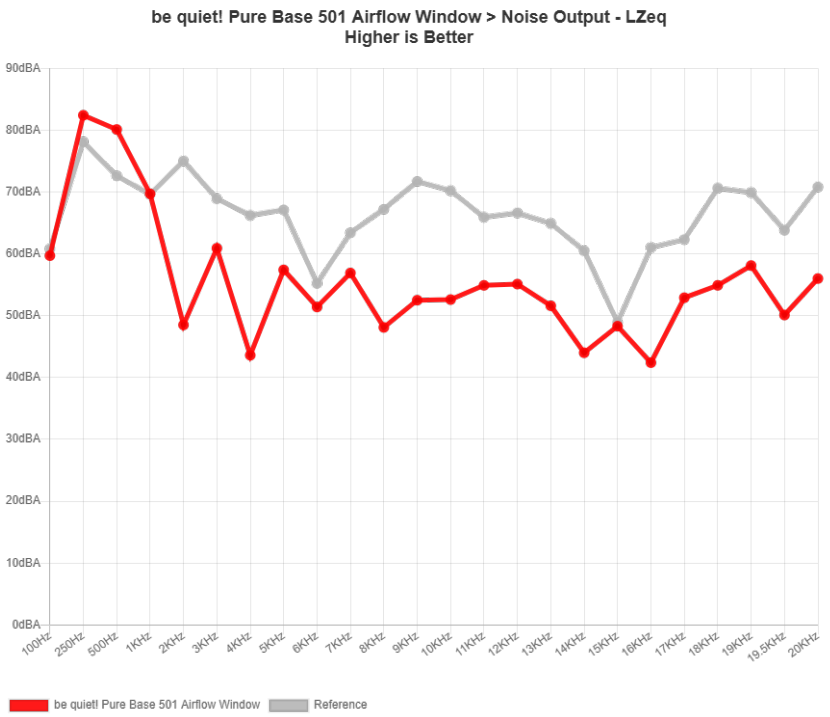
Stock Fan Noise Output from 40% to 100%

Noise Output

LAeq



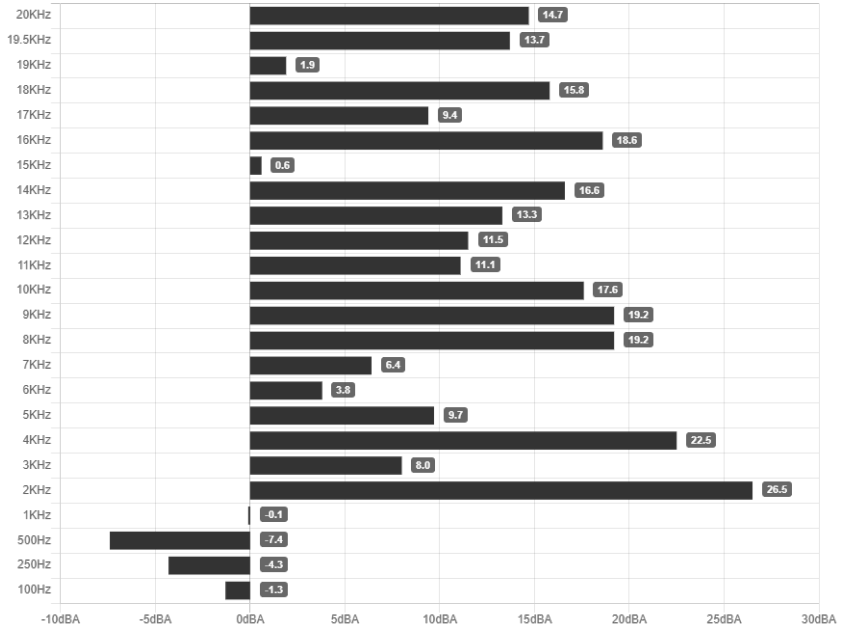
LZeq



Noise Dampening Performance – Test Tones

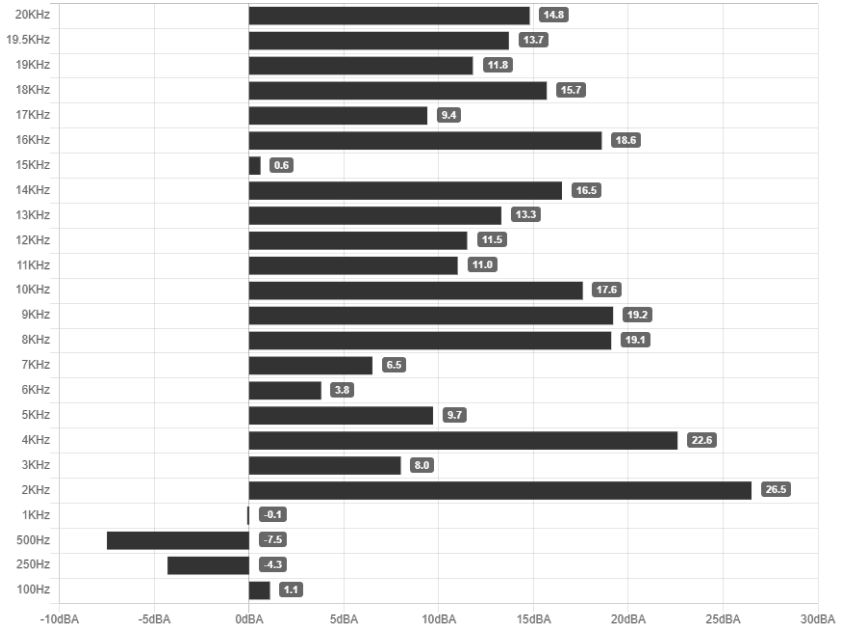
LAeq

be quiet! Pure Base 501 Airflow Window > Noise Dampening Performance - LAeq



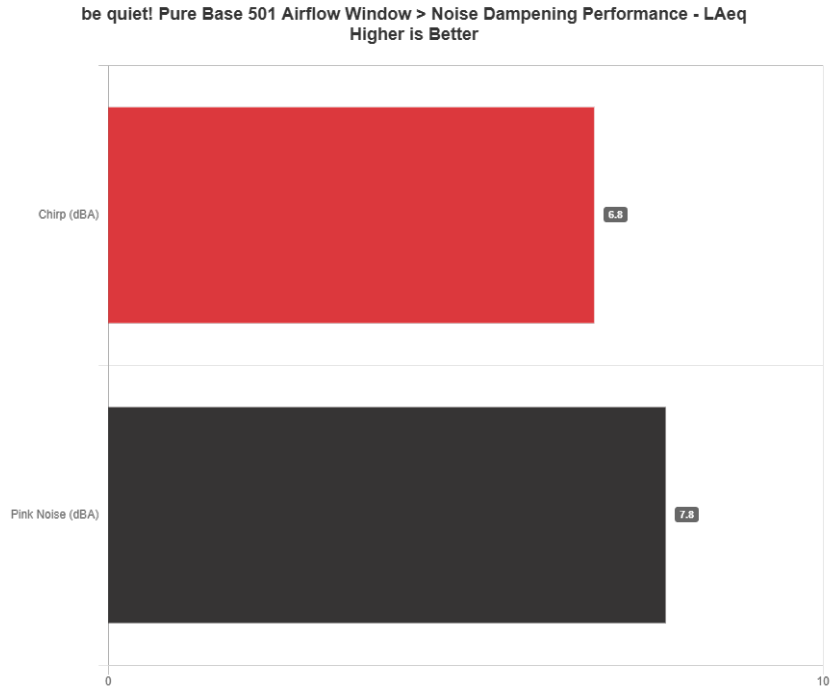
LZeq

be quiet! Pure Base 501 Airflow Window > Noise Dampening Performance - LZeq

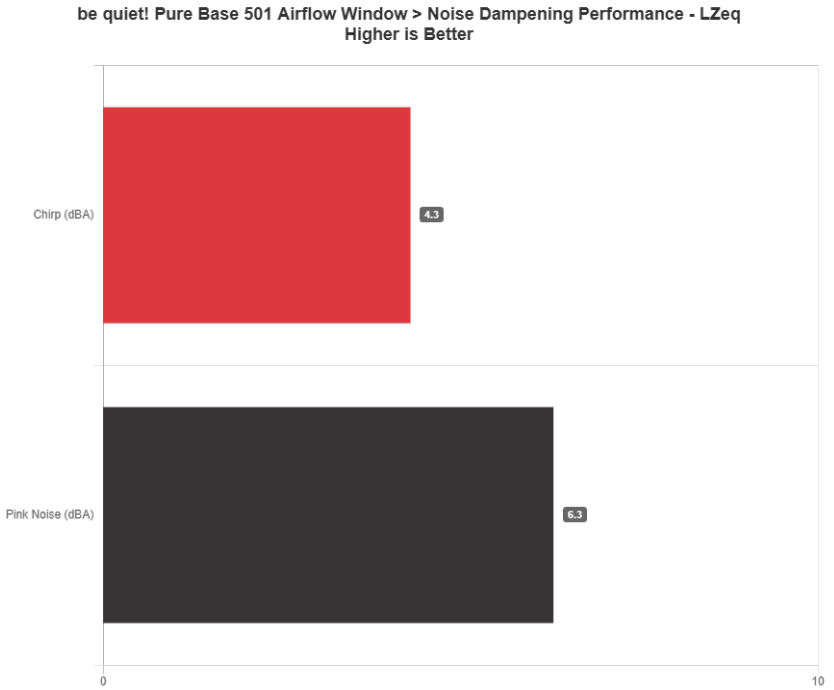


Noise Dampening Performance – Pink & Chirp

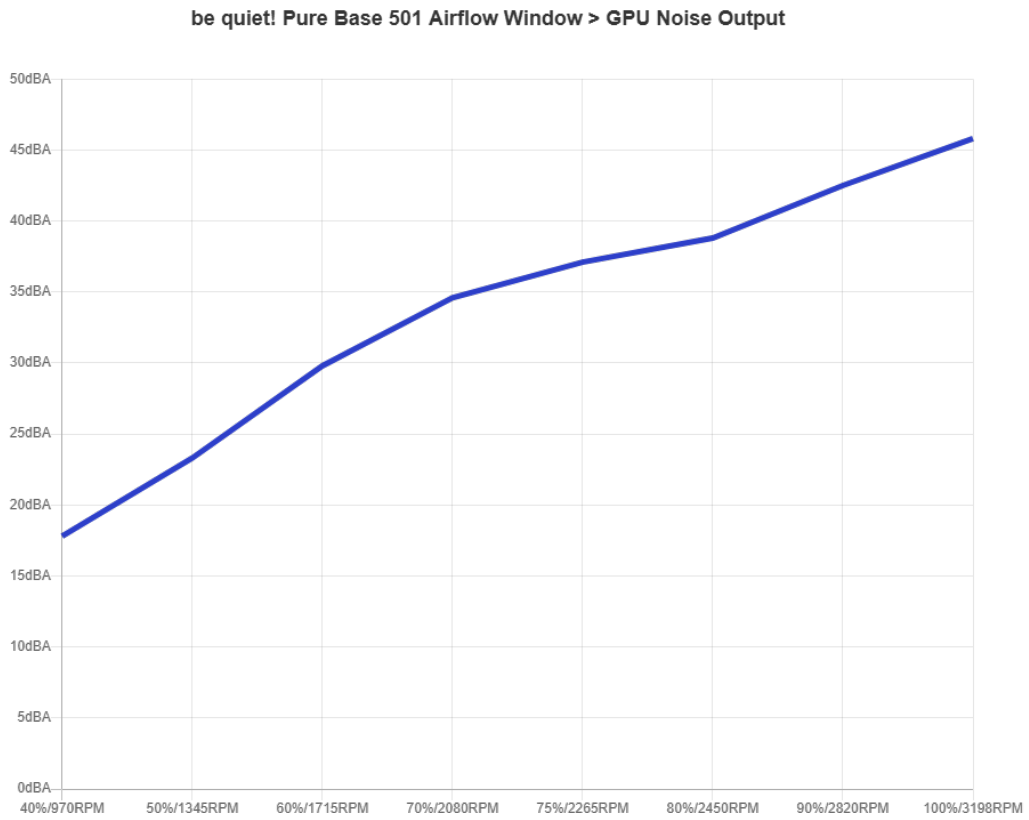
LAeq



LZeq



GPU Fan(s) Noise Output – Laeq



INFO

Galax GeForce RTX 4060 EX Noise Output from 40% to 100% Fan Speed

be quiet! Pure Base 501 Airflow Window



Case Photo



Case Photo #2

Cybenetics bietet freiwillige Zertifizierungsprogramme für Netzteile – ETA für Effizienz, LAMBDA für Lautstärke und SAFE für Sicherheit und korrekten Betrieb – sowie für Kühlprodukte mit DELTA für die Schalldämmung von Gehäusen und PHI für Luftstrom und statischen Druck von Lüftern

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus

www.cybenetics.com - info@cybenetics.com