Montech King 95 Pro

Lab ID MTCAS00132

Report Date: Mar 19, 2024

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, 7.2 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

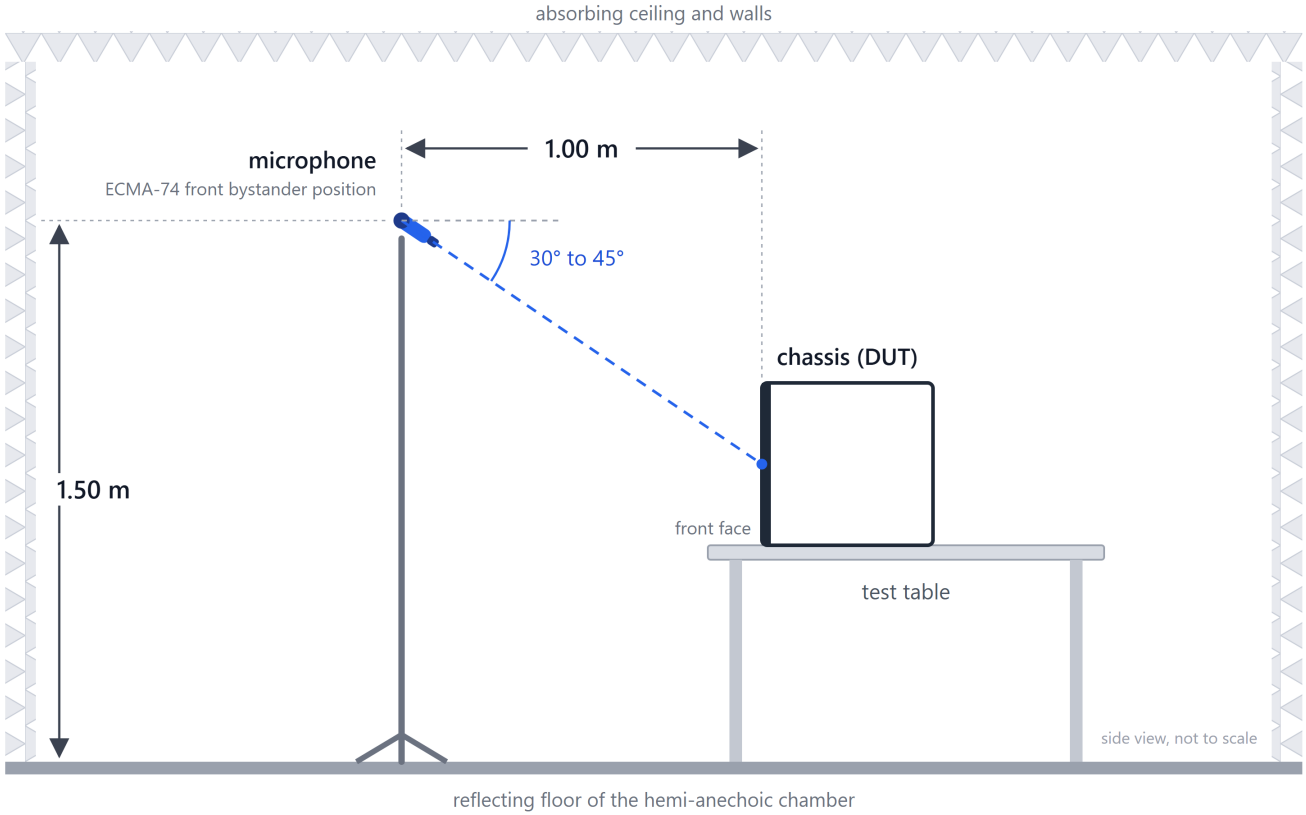
Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
Conditions	25(±2) degrees Celsius, 40-50% humidity

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

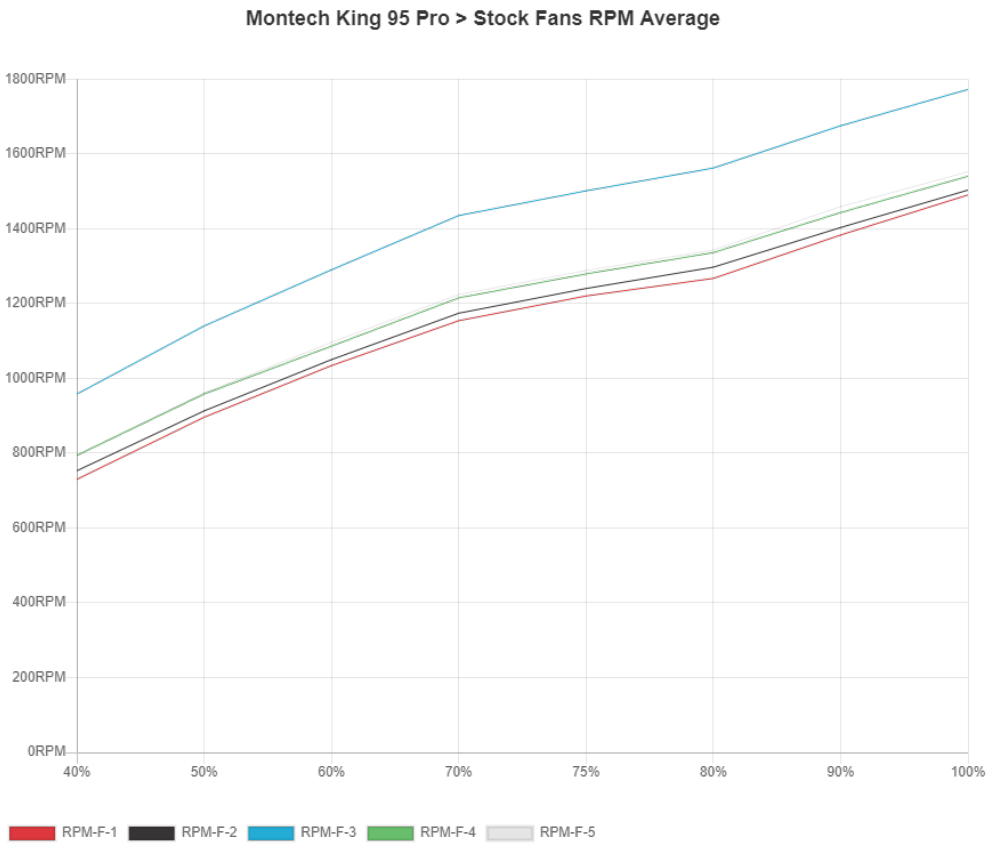
Technical Specifications Table

Brand	Montech
Product Name	KING 95 PRO
Type	Mid Tower / Dual Chamber
Dimensions (LxWxH)	475 x 300 x 442mm
Motherboard Support	ATX, Micro-ATX, Mini-ITX
Removable Motherboard Tray	No
Front Door/Cover	No
Materials	SPCC/Tempered glass
Materials Side Panel	Left: Tempered Glass Right: Steel, ABS
Expansion Slots	7x
Drive Bays	3.5 " : 5x Internal, 2.5" : 8x Internal
I/O Panel	2x USB 3.0, 1x USB 3.1 Gen 2 Type-C, 1x Headphone, 1x Microphone, 1x LED Button, 1xPower Button
Pre-installed Fan(s)	Side: 2x 140mm (RX Reversed ARGB PWM Fans) Bottom: 3x 120mm (RX Reversed ARGB PWM Fans) Rear: 1x 120mm (AX ARGB PWM Fan)
Fan Support	Top: 3x 120mm / 2x 140mm Side: 2x 120/140mm Rear: 1x 120mm Bottom: 3x 120mm, 2x 120mm
Fan Bearing Type	Hydro Dynamic Bearing (HDB) (140mm Fans) / Rifle Bearing (120mm Fans)
Fan Power Connector	4-Pin (PWM)
Fan/LED Controller	10x 4-pin & 10x ARGB Gen 2
Radiator Support	Top: 120 / 140 / 180 / 240 / 280 / 360mm Rear: 120mm Side: 120 / 140 / 240 / 280mm
CPU Cooler Height (Max)	175mm
VGA Length (Max)	420mm
PSU Length (Max)	190mm
Dust Filters	Top, Bottom, Side
PSU Support	Bottom mount / Top mount, ATX
Weight	11.85 kg
Warranty	1

Noise Measurements Test Set Up



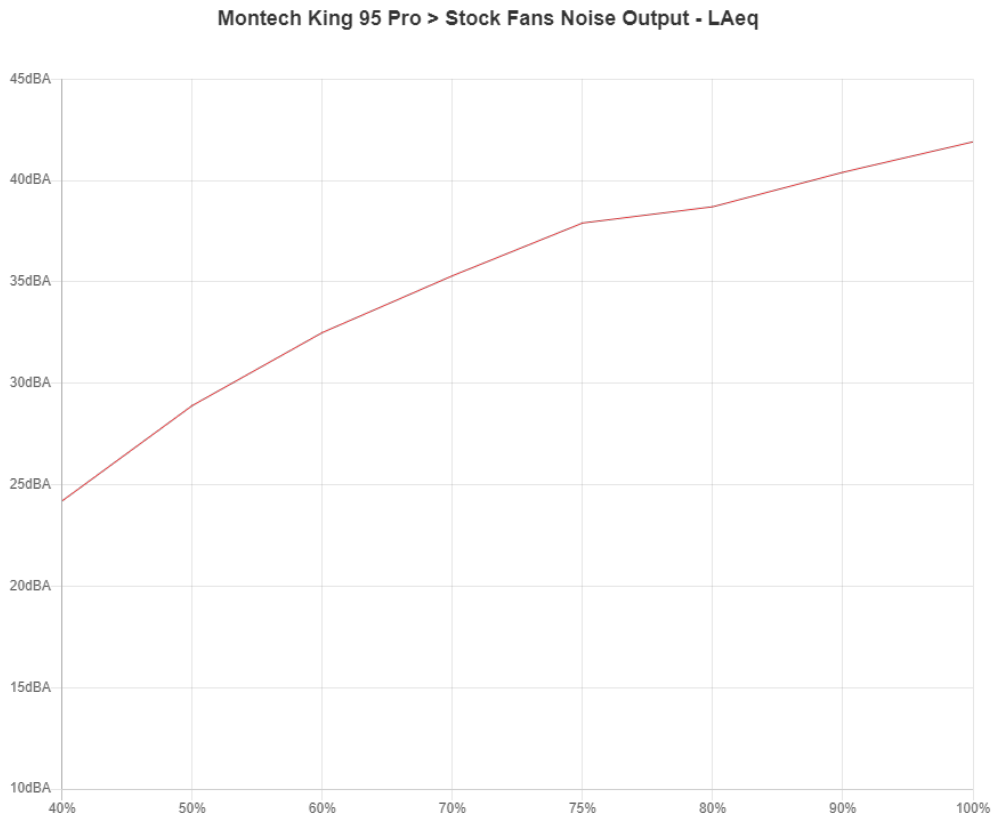
Stock Fan(s) RPM



INFO

Stock Fan Speed from 40% to 100%

Stock Fan(s) Noise Output – LAeq

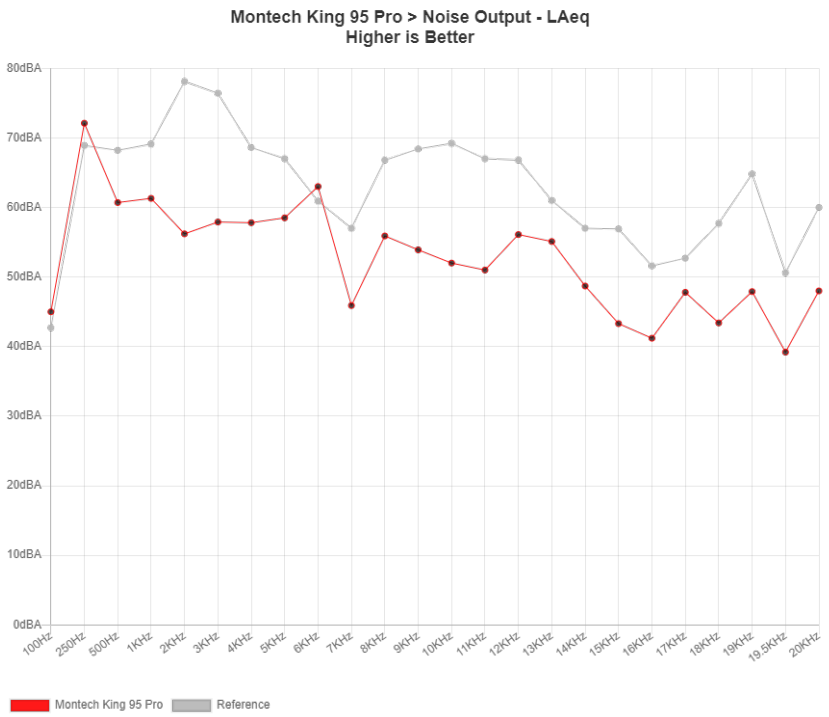


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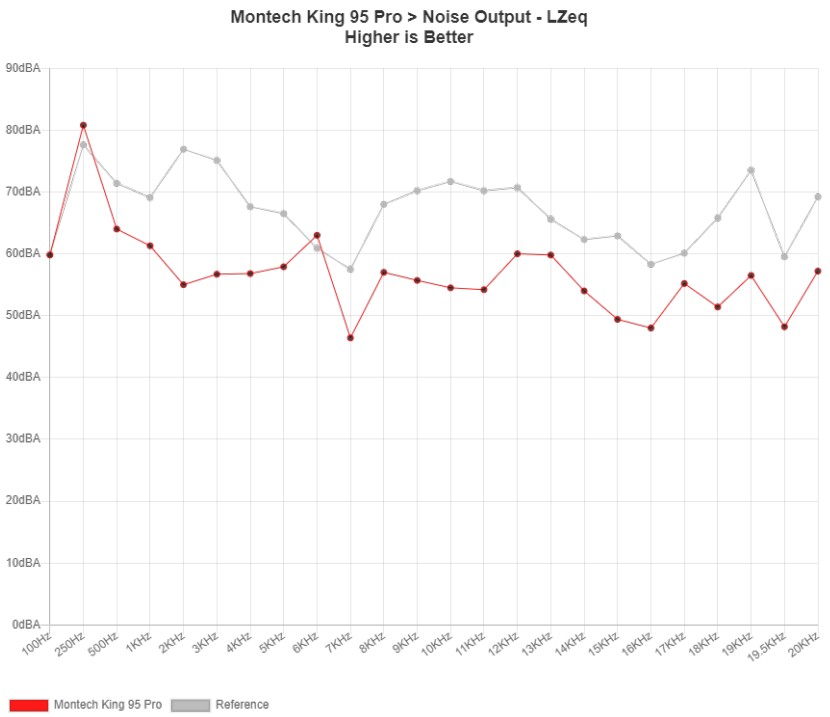
Stock Fan Noise Output from 40% to 100%

Noise Output

LAeq



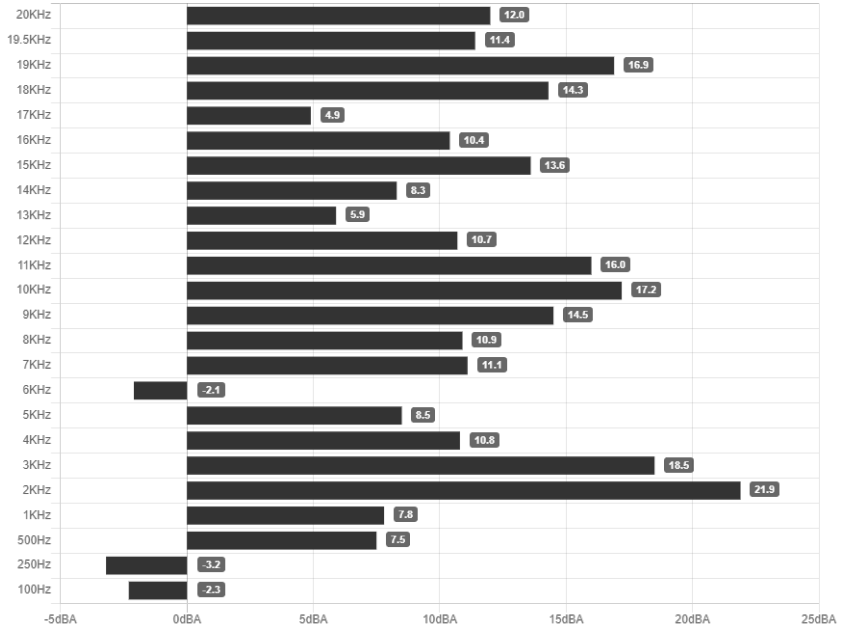
LZeq



Noise Dampening Performance – Test Tones

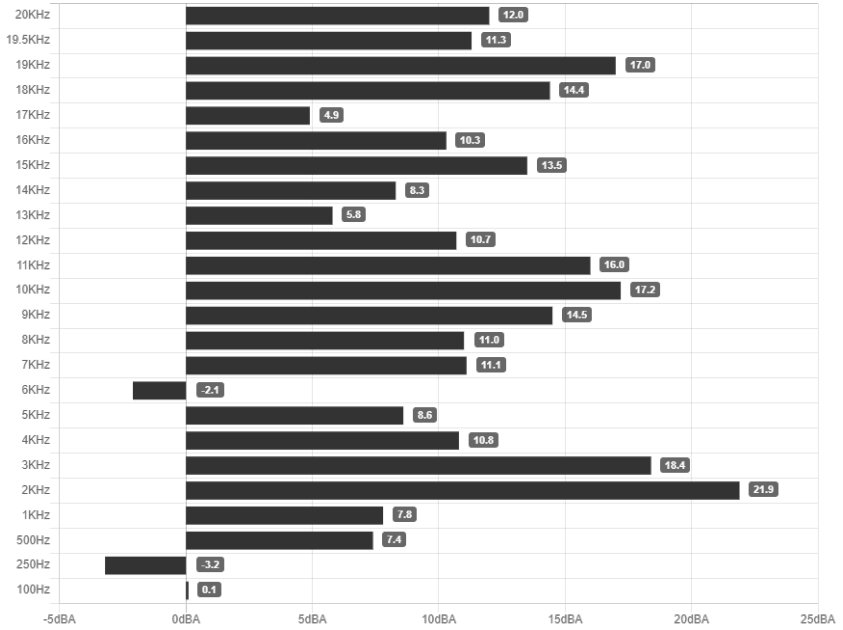
LAeq

Montech King 95 Pro > Noise Dampening Performance - LAeq



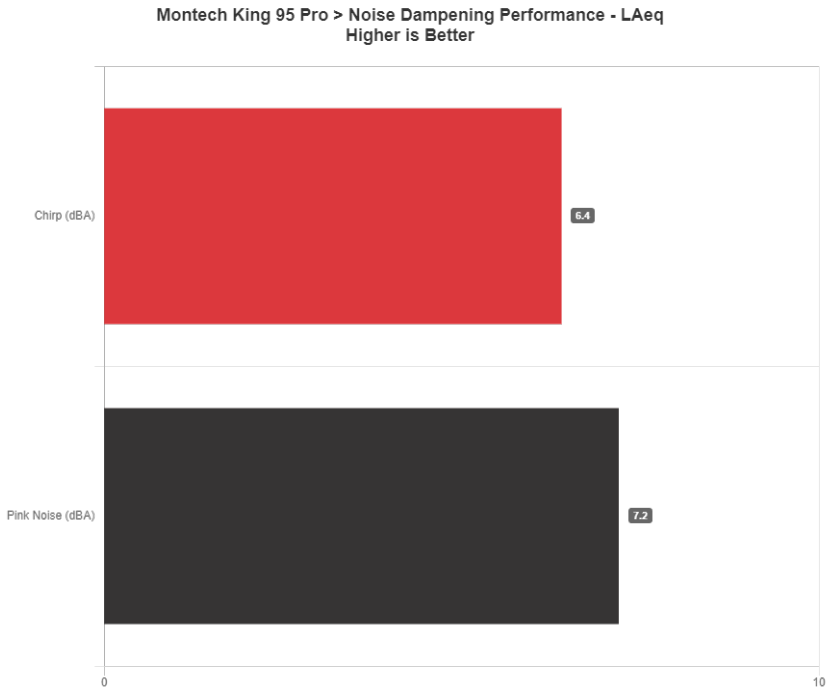
LZeq

Montech King 95 Pro > Noise Dampening Performance - LZeq

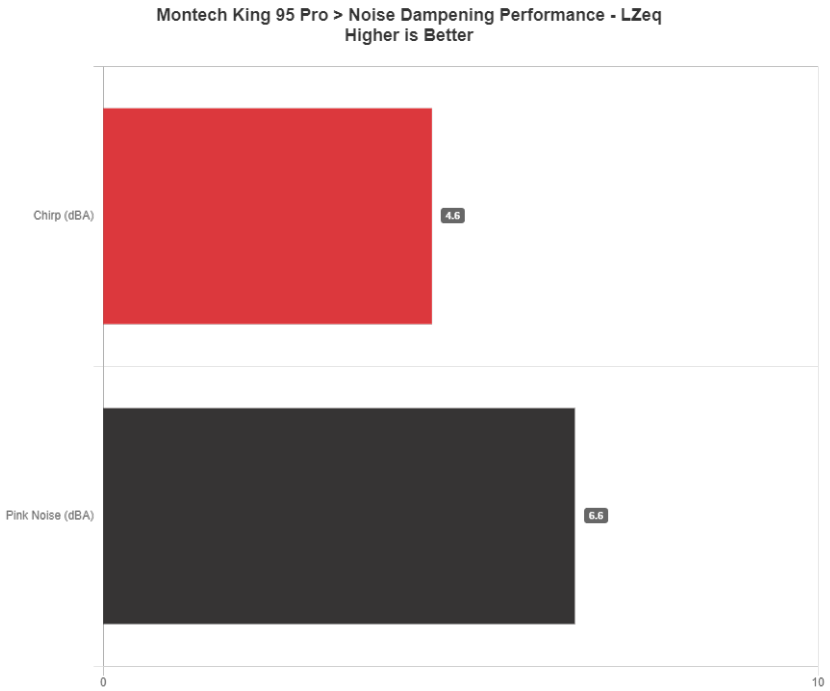


Noise Dampening Performance – Pink & Chirp

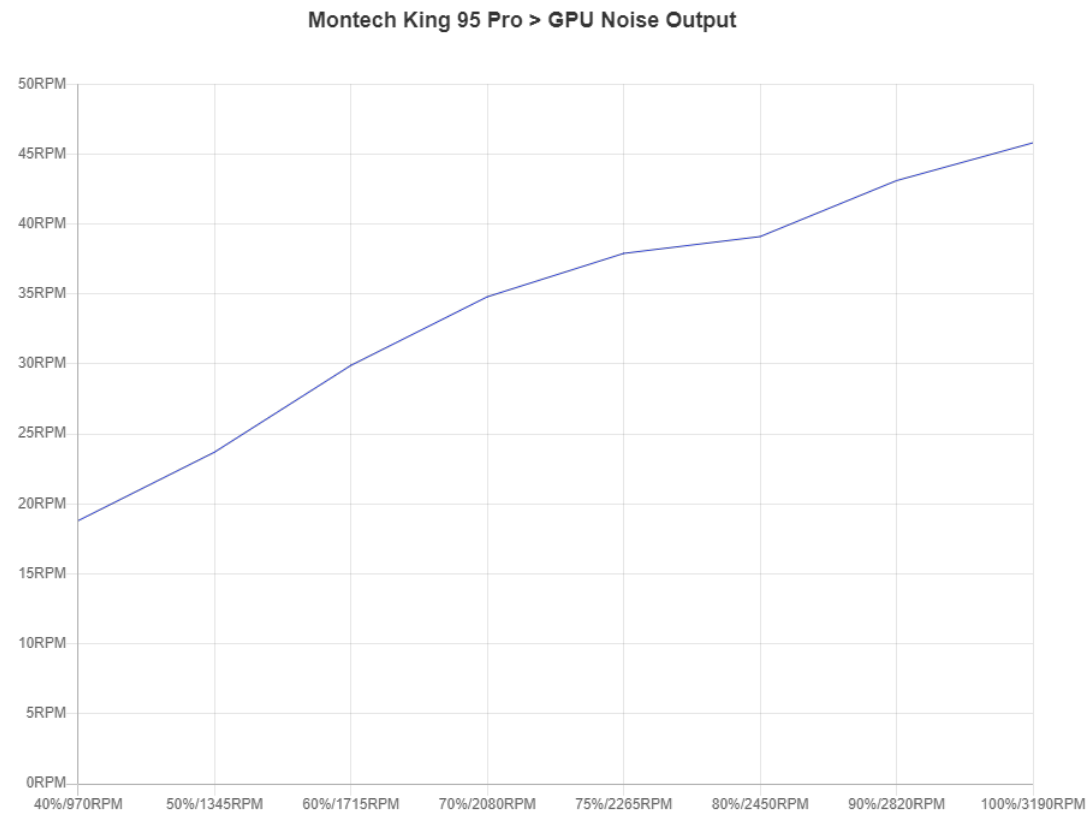
LAeq



LZeq



GPU Fan(s) Noise Output – Laeq



INFO

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

Montech King 95 Pro



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

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