ARCTIC Xtender VG

Lab ID ACCAS00159

Report ID: 2495

Report Date: Sep 12, 2025

Entry Report Date: Sep 5, 2025

Scheme: DELTA

Noise Rating

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, 9.9 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

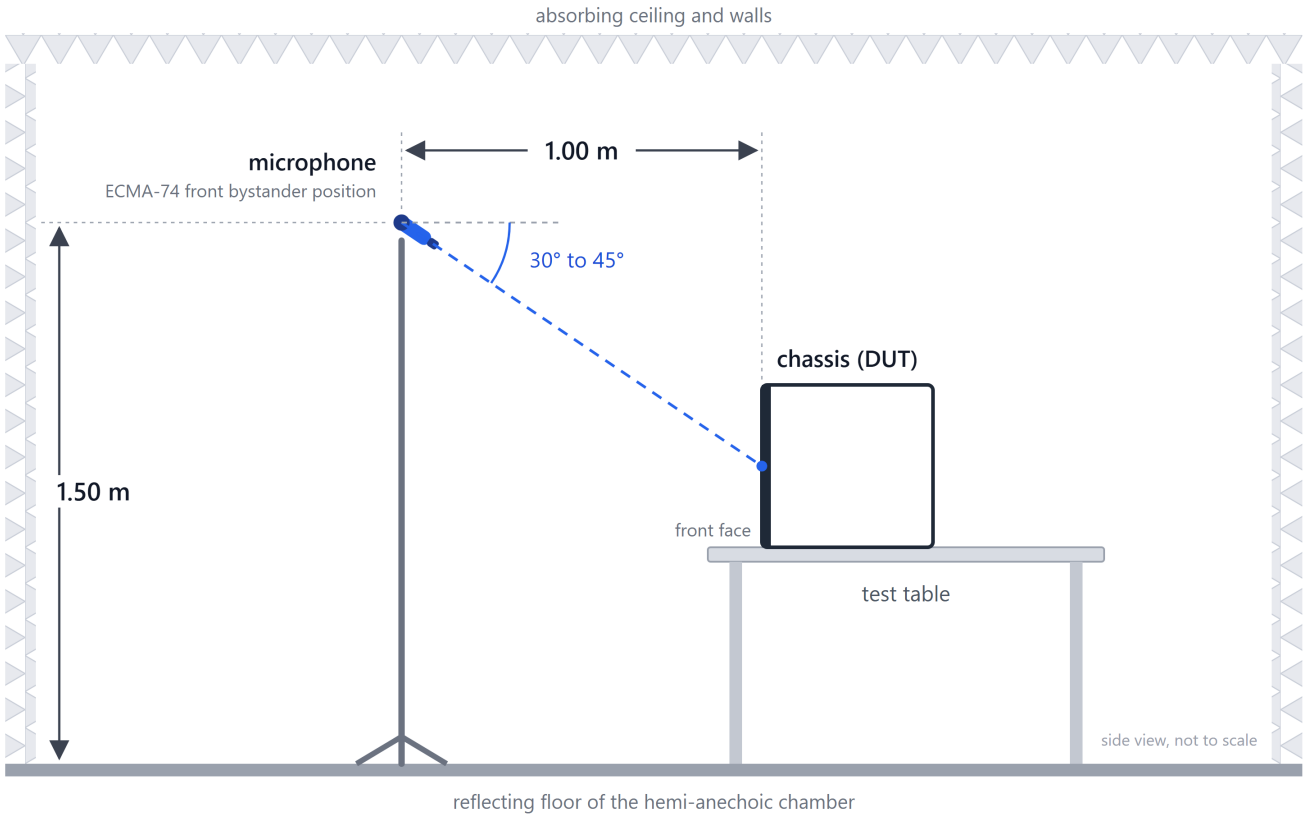
Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
Conditions	25(±2) degrees Celsius, 40-50% humidity
Sound Analyzer	Bruel & Kjaer 2270-S G4 & 2250-L G4
Microphone	Bruel & Kjaer Type 4955-A
Mic Calibrator	Bruel & Kjaer Type 4231
Data Logger	Picoscope TC-08

Technical Specifications Table

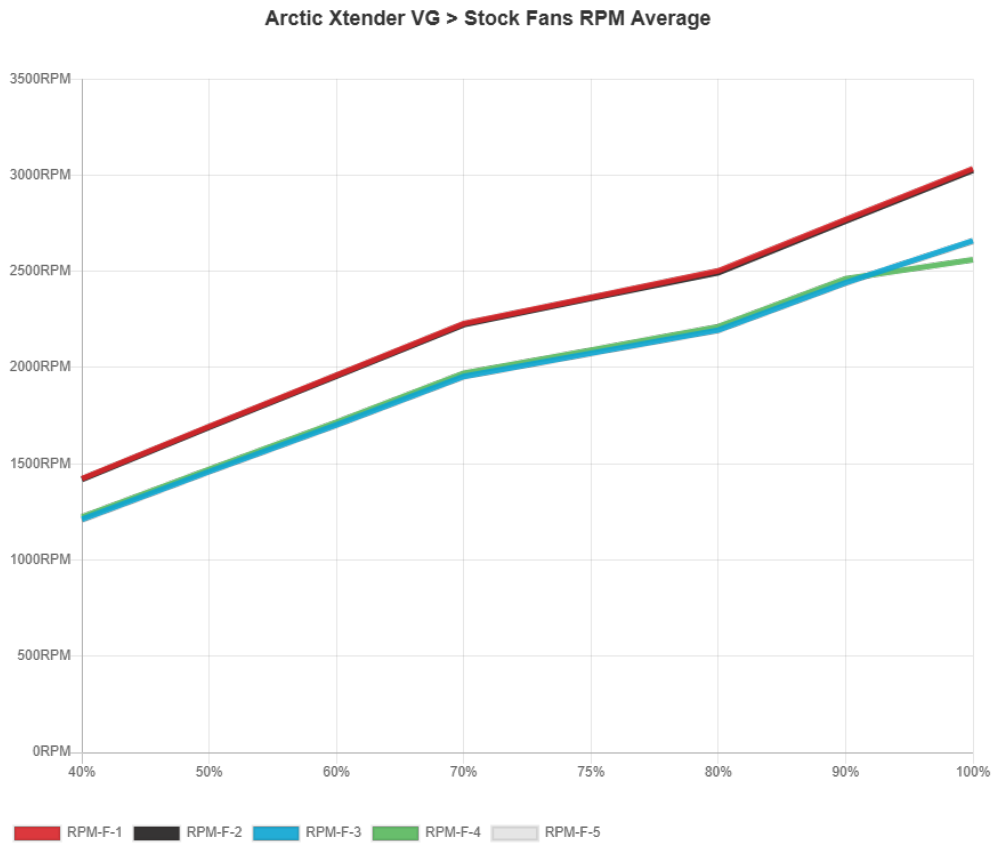
Brand	Arctic
Product Name	Xtender VG
Type	Midi Tower
Dimensions (LxWxH)	529 x 231 x 529mm
Motherboard Support	Mini-ITX, Micro-ATX, ATX, E-ATX (285 mm wide)
Removable Motherboard Tray	No
Front Cover	Yes
Materials Body	Steel, Plastic, Tempered Glass
Materials Side Panel	**Left:** Tempered Glass **Right:** Steel
Expansion Slots	7x
Drive Bays	**5.25":** - **3.5 " :** 2x Internal **2.5" :** 4x Internal
I/O Panel	1x USB 3.2 Gen 2 Type-C, 2x USB 3.2 Gen 1, 1x Combo Audio Jack, 1x Power Button
Pre-installed Fan(s)	**Side:** 3x 140mm (P14 Pro ARGB) **Rear:** 2x 120mm (P12 Pro ARGB)
Fan Support	**Side:** 3x 120mm / 3x 140mm **Top:** 3x 120mm / 3x 140mm **Rear:** 2x 120mm
Fan Bearing Type	FDB
Fan Power Connector	4-pin PWM
LED Controller	No
Radiator Support	**Side:** 120 / 140 / 240 / 280 / 360 / 420mm **Top:** 120 / 140 / 240 / 280 / 360 / 420mm
CPU Cooler Height (Max)	171mm

VGA Length (Max)	482mm (337 mm with Side Radiator)
PSU Length (Max)	318 mm (200 mm with HDD Cage
Behind MB Tray Clearance/Cable Management Support	35mm
Dust Filters	Top, Side
PSU Support	Bottom Mount, ATX
Weight	15.5 kg
Warranty	6-years

Noise Measurements Test Set Up



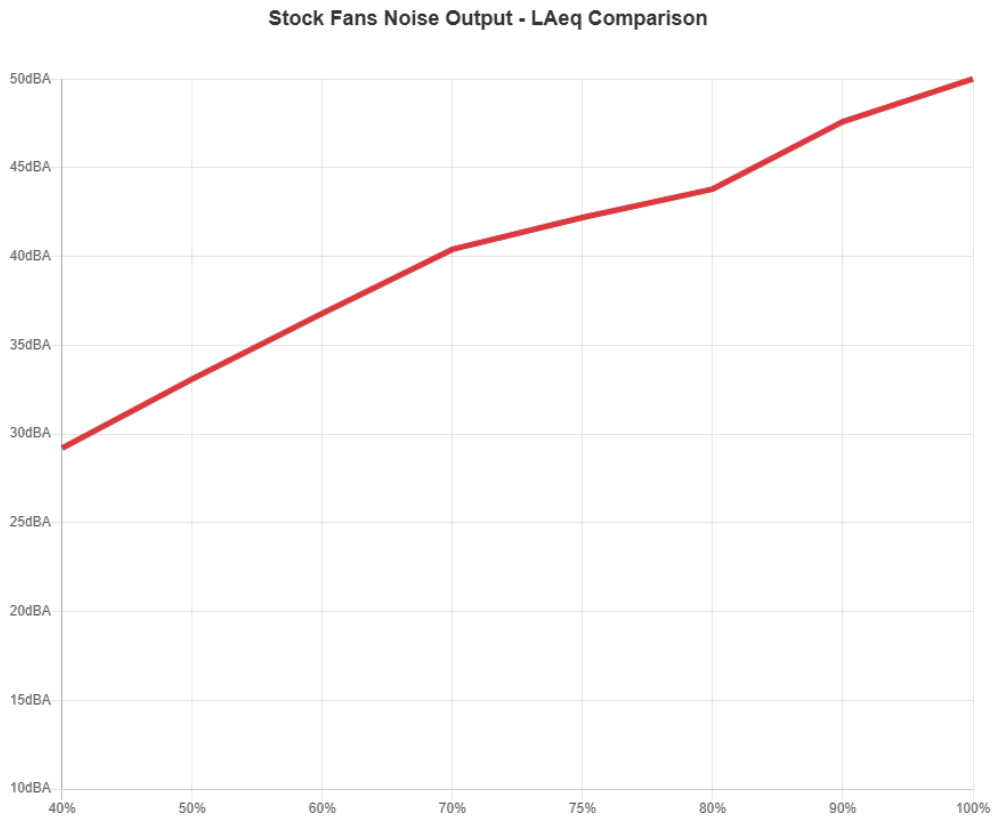
Stock Fan(s) RPM



INFO

Stock Fan Speed from 40% to 100%

Stock Fan(s) Noise Output – LAeq

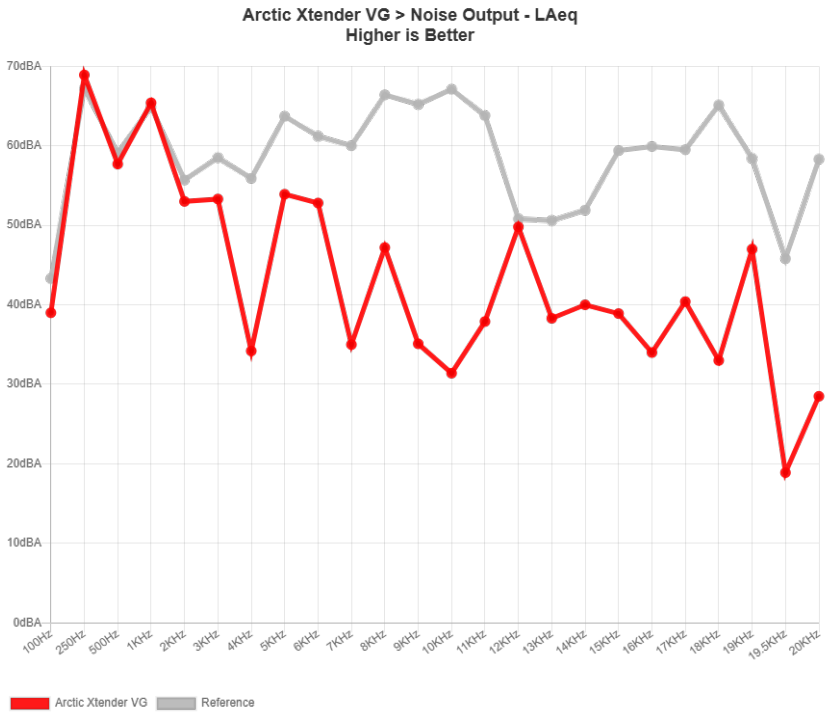


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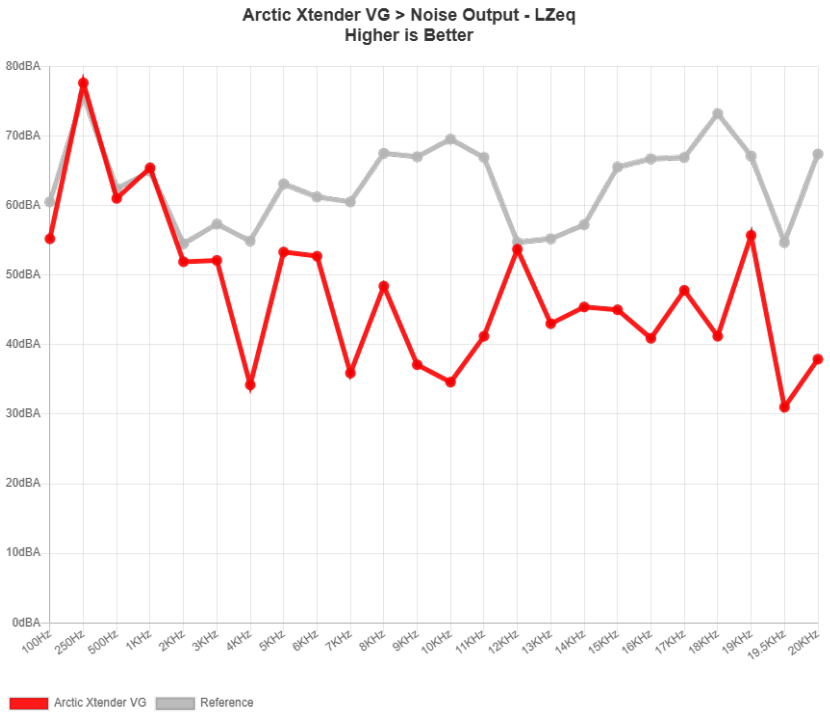
Stock Fan Noise Output from 40% to 100%

Noise Output

LAeq

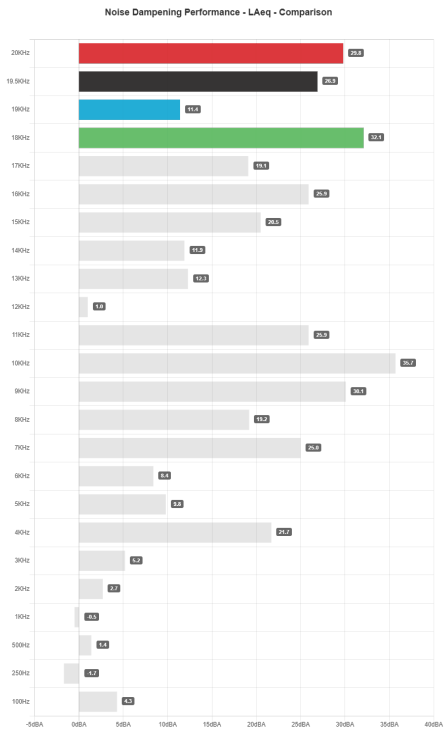


LZeq

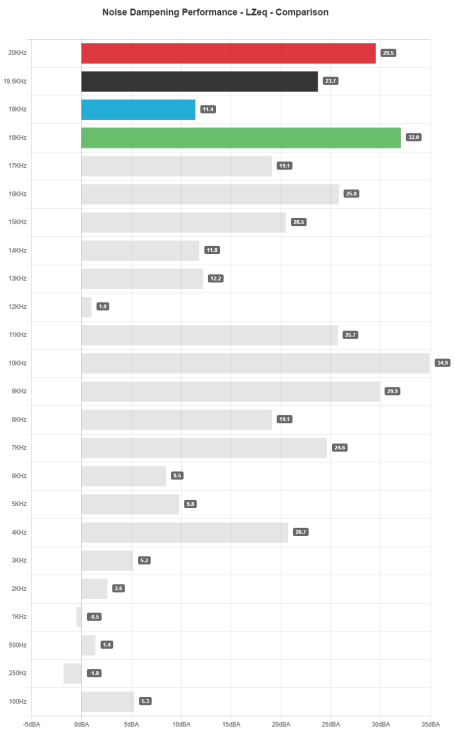


Noise Dampening Performance – Test Tones

LAeq

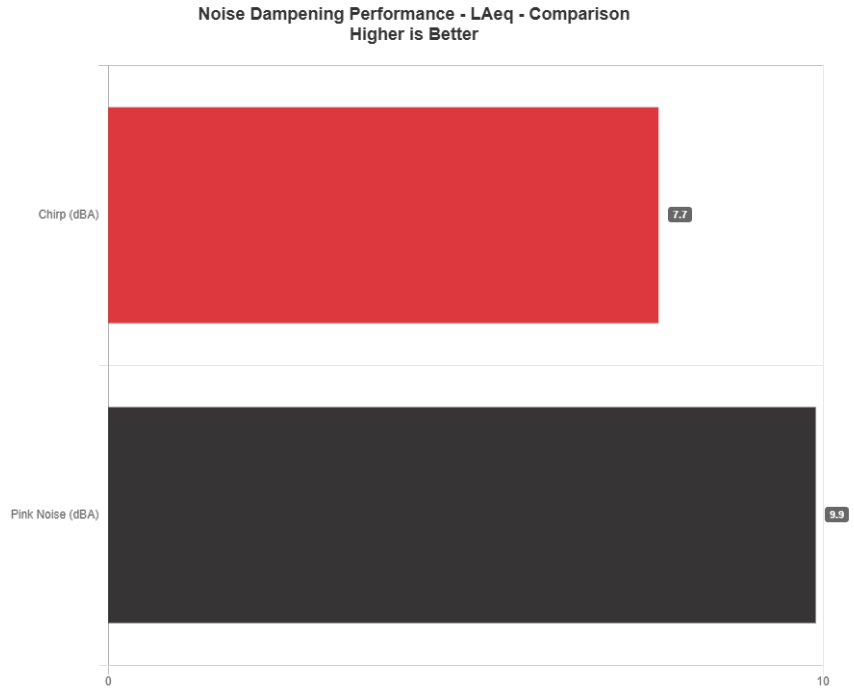


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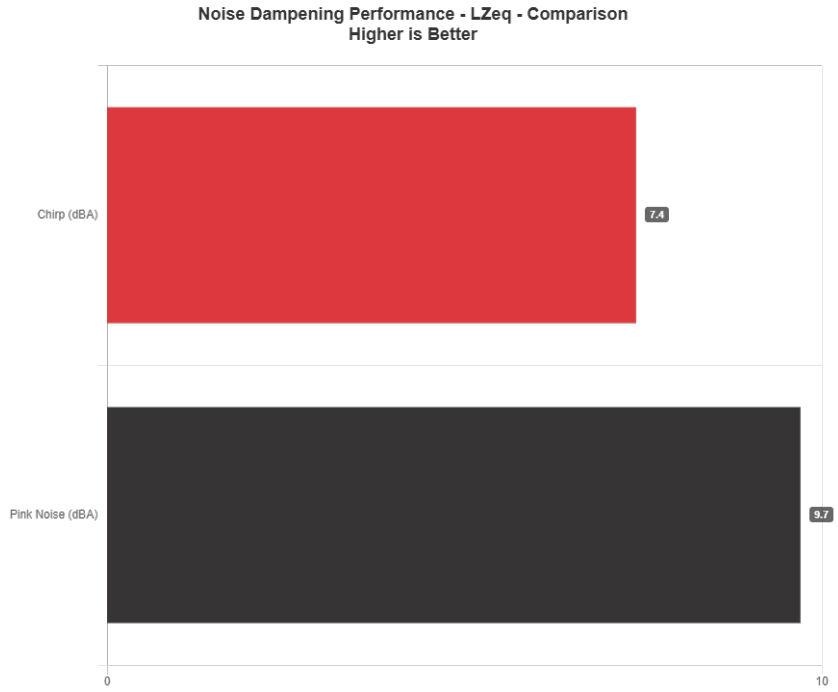


Noise Dampening Performance – Pink & Chirp

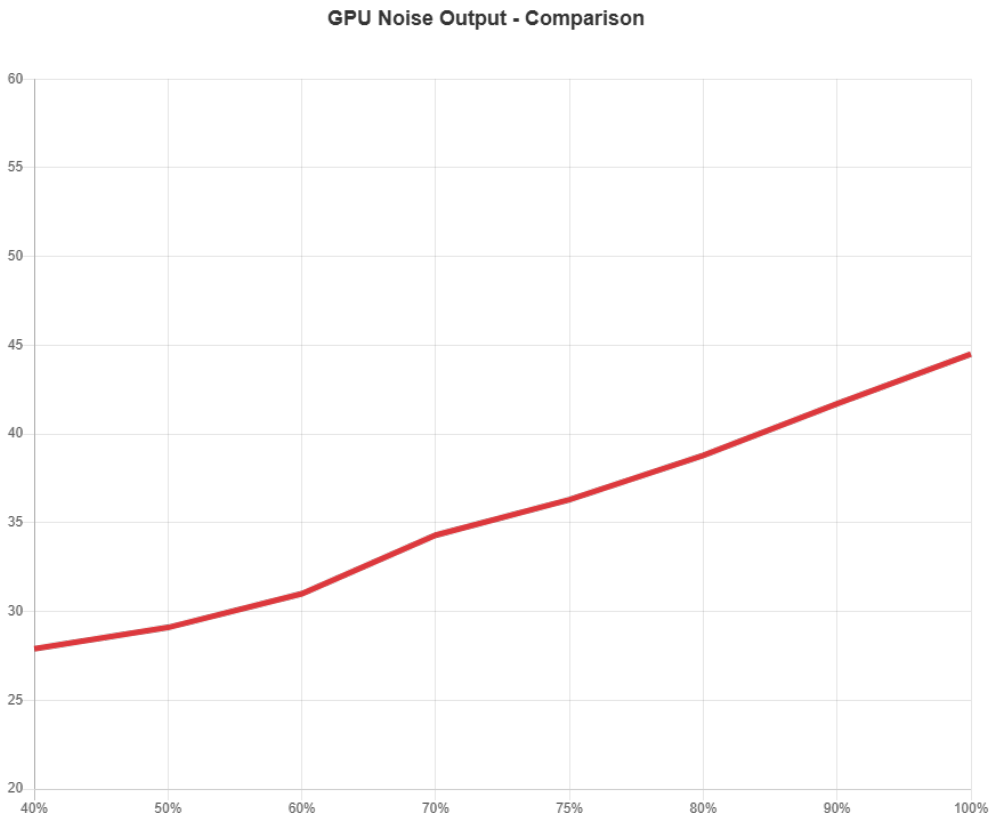
LAeq



LZeq



GPU Fan(s) Noise Output – Laeq



INFO

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

ARCTIC Xtender VG



Case Photo



Case Photo #2

All data and graphs included in this test report can be used by any individual on the following conditions:
› It should be mentioned that the test results are provided by Cybenetics
› The link to the original test results document should be provided in any case

Cybenetics runs voluntary certification programs for power supplies - ETA for efficiency, LAMBDA for noise and SAFE for safety and correct operation - and for cooling products, with DELTA for chassis soundproofing and PHI for fan airflow and static pressure. THETA rates cooler performance on AMD AM5 and Intel LGA1851 outside ISO 17065 and accreditation scope

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