# Alphacool Apex Stealth Metal Power fan 3000rpm matte black (120x120x25mm)

Alphacool article number: 13823



## Quick Info

High-quality, elegant as well as timeless design and technical innovation - these are the features of the Alphacool Apex Stealth metal fan. With its patent-pending decoupling technology, the robust metal frame and a special rotor, this fan certainly impresses. Not only is the Apex Stealth one of the most powerful fans, but it also remains the quietest at any speed.

- High performance and whisper quiet
- Patent pending decoupling technology
- Frame made of high quality metal
- Suitable for cases as well as radiators
- Controllable via PWM + Zero-RPM Control
- 3000 RPM Power Variant

## Scope of delivery

1x Stealth Fan

1x PWM Extension cable 50cm

4x M3 Screw

4x 6-32 UNC Screw

4x M4 Screw

4x Stealth Mounting Nut

1x cleaning cloth

## Technical data

| | |
|---|---|
| Dimensions (L x W x H) | 120 x 120 x 25,5mm |
| Material (Frame) | Die-cast zinc |
| Material (Impeller) | Plastic |
| Weight | 320g |
| Speed | 400~3000±10% rpm |
| Bearing | Hydro Dynamic Bearing |
| Connection | 4-Pin PWM |
| Cable length PWM | 40±8 mm (+ 50cm extension cable) |
| Cable length (daisy chain) | 110±10 mm |
| Start-up Voltage | 6 V DC |
| Rated Volt | 12 V DC |
| Power Consumption | 6.60 Watt |
| Rated Current | 0.50 A (0.55Max) |
| Air Flow | 70.98 CFM |
| Static Air Pressure | 4,23 mmH$_2$O |
| Noise Level | 40.1 dBA |
| MTBF | 100,000h |
| PWM control | Yes |
| Zero RPM control | Yes |
| Tacho Signal | Yes |
| Auto-restart | Yes |
| Color | matte black |

## Download links

| | |
|---|---|
| Manual | 13823_Alphacool_Apex_Stealth_Metal_Power_fan_3000rpm_matte_black_(120x120x25mm)_Manual.pdf |
| Product pictures | 13823_Alphacool_Apex_Stealth_Metal_Power_fan_3000rpm_matte_black_(120x120x25mm)_pics.zip |

## Packaging dimensions per unit

| | |
|---|---|
| L x W x H | 180 x 170 x 33 mm |
| Weight | 400 g |

## Other data

| | |
|---|---|
| Certificates | CE, FC, RoHS |
| EAN | 4250197138239 |
| Customs code | 84145915000 |
| Guarantee | 5 years |

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**Whisper Quiet**

The fan blades, motor and its suspension are completely decoupled from the metal frame. For this purpose, a special damping system was placed between the metal frame and the fan, which absorbs all vibrations. This type of decoupling is a completely new system, which is brought to the market by Alphacool for the first time with the Apex fan. In addition, the impeller is equipped with a closed frame that prevents the impeller tips from fluttering at high speed, which also has a positive effect on the fan's characteristics.
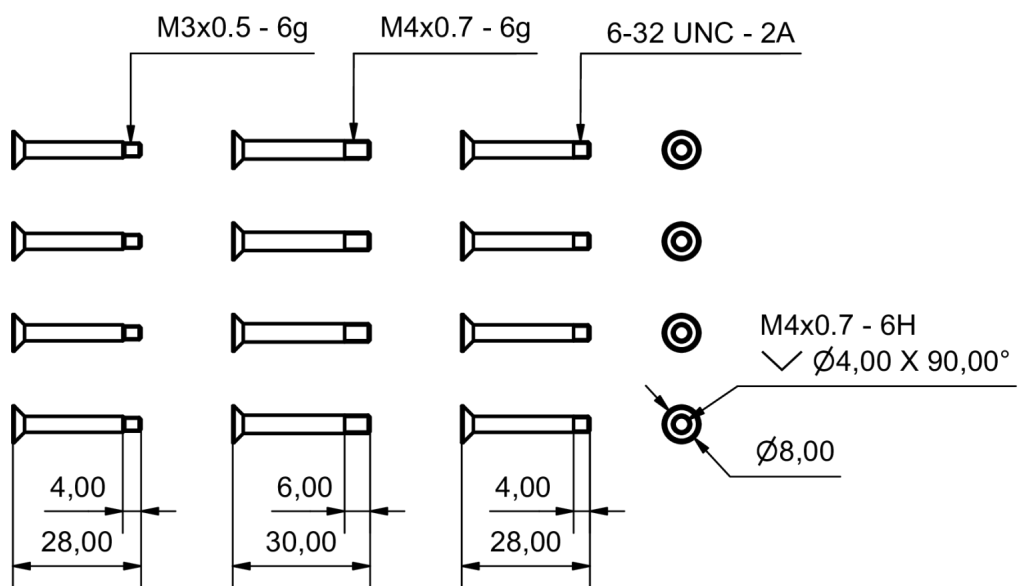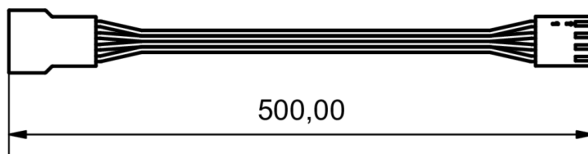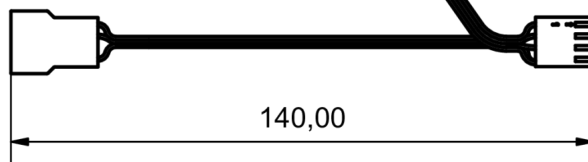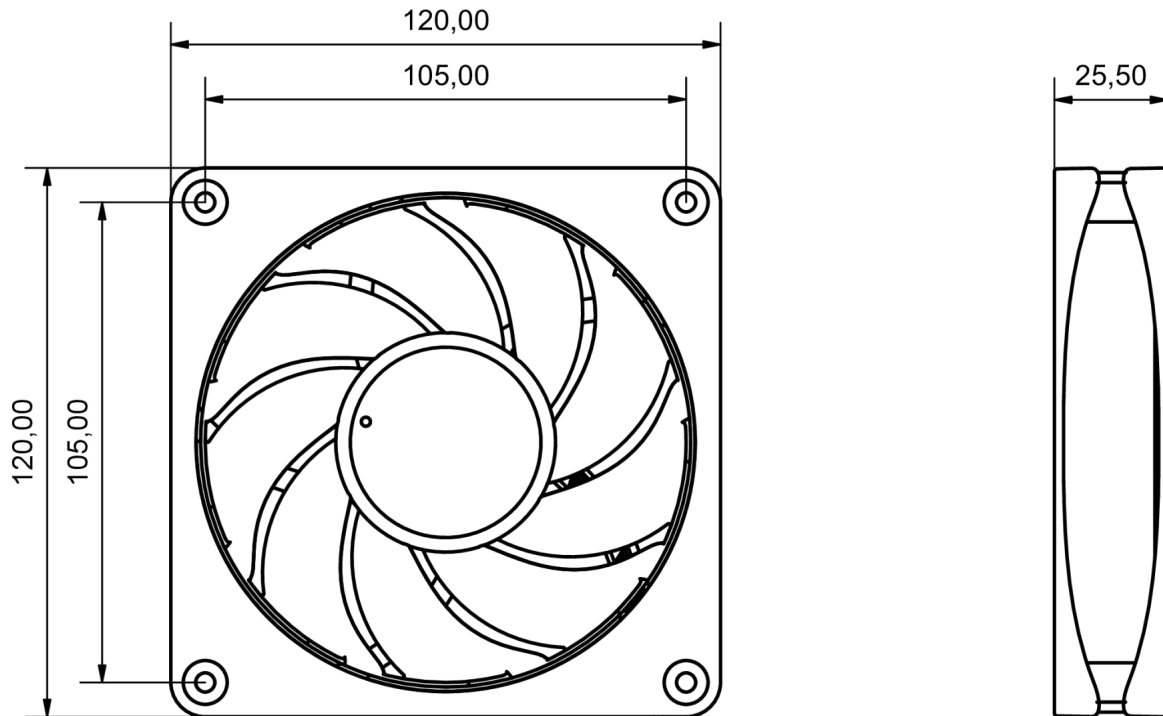
**Powerful All-rounder**

The Alphacool Apex Stealth metal fan is a true all-rounder. It sets new standards in terms of airflow and static pressure. Therefore, this fan is not only perfect for mounting on radiators, but also provides excellent airflow as a case fan. The Apex Stealth Power can be controlled between 400 to 3000 rpm via the 4-pin PWM connector. The startup speed is ~500 rpm. In addition, the Stealth offers Zero RPM control, which can be used to bring the fan to a complete stop.

**Apex Design**

Alphacool's Apex product line represents the highest level of perfection. First-class materials and innovative technologies guarantee a unique premium product. Consisting of high-quality metal, the curved frame gives the Apex Stealth its distinctive design and fits perfectly into any PC build.

**Additional Features**

As usual with Alphacool, multiple fans can be effortlessly connected in series via daisy chain. The cables can be hidden in the corners of the fan so that they are no longer visible. A 50 cm PWM cable is also included as an extension. The 6-pole motor in combination with the HDB bearing (Hydro Dynamic Bearing) ensures extremely quiet operation and high durability.

120,00

105,00

120,00

105,00

25,50

140,00

500,00

M3x0.5 - 6g

M4x0.7 - 6g

6-32 UNC - 2A

M4x0.7 - 6H
∨ Ø4,00 X 90,00°

Ø8,00

4,00

28,00

6,00

30,00

4,00

28,00

General tolerance: ± 0,25mm
Dimension in millimeter