

ATEngineus TF29

ATEngineus TF29 Clip-On & Desk USB Fan User Manual

Model: TF29 | Brand: ATEngineus

1. INTRODUCTION

Thank you for purchasing the ATEngineus TF29 Clip-On & Desk USB Fan. This portable and versatile fan is designed to provide personal cooling in various indoor and outdoor environments. Featuring a powerful 10000mAh rechargeable battery, multiple speed settings, and a 360-degree adjustable head, it offers convenience and comfort wherever you go. Please read this manual carefully before use to ensure proper operation and maintenance.

2. SAFETY INFORMATION

- Do not insert fingers or any objects into the fan grille when the fan is operating.
- Keep the fan away from water or other liquids to prevent electric shock.
- Do not disassemble, repair, or modify the fan yourself. Contact customer support if service is required.
- Ensure the fan is placed on a stable surface or securely clipped to prevent it from falling.
- Keep out of reach of children and pets.
- Use only the provided charging cable or a certified USB Type-C cable for charging.
- Do not expose the battery to extreme temperatures or direct sunlight.

3. PRODUCT OVERVIEW

The ATEngineus TF29 fan combines a powerful airflow with a compact, flexible design, making it ideal for personal use. Its key features include a large capacity battery, multiple speed settings, and a highly adjustable head.



Figure 3.1: ATengeus TF29 Clip-On & Desk USB Fan

Components:

- **Fan Head:** Contains the blades and grille.
- **Control Panel:** On/Off button, speed indicators, and charging port.
- **Adjustable Arm:** Allows for 360-degree rotation horizontally and vertically.
- **Clip Base:** Strong clamp for secure attachment, also functions as a stable desktop stand.
- **USB Type-C Charging Port:** For recharging the internal battery.



Figure 3.2: Detailed view of the fan head and grille.

4. SETUP

4.1 Unboxing

Carefully remove the fan and all accessories from the packaging. Ensure all components listed in the package contents are present.

4.2 Charging the Battery

Before first use, fully charge the fan. Connect the provided USB Type-C cable to the fan's charging port and

the other end to a USB power source (e.g., power adapter, computer, power bank). The indicator lights on the control panel will show the charging status.



Figure 4.1: The fan features a 10000mAh rechargeable battery for extended use.



Figure 4.2: The fan can be powered by various USB sources including power adapters, car chargers, power banks, and laptops.

4.3 Positioning the Fan

The TF29 fan offers multiple placement options:

- **Desktop Use:** Place the fan on any flat, stable surface. The clip base provides stability.
- **Clip-On Use:** Use the strong clamp to attach the fan to desks, shelves, strollers, golf carts, or other suitable surfaces. The clamp opens up to 2.5 inches (approximately 6.35 cm).
- **Wall Mounting:** The fan can also be hung using the integrated hook on the clip base.



Figure 4.3: The fan features a versatile 2-in-1 design with non-slip feet for desktop use and a strong clamp for secure attachment.

USB Clip on Fan 8in

Serrated clips and non-slip silicone pads that lock firmly in place over any bumps



Figure 4.4: Example of the fan clipped onto a treadmill, providing personal cooling during exercise.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the On/Off button located on the back of the fan to turn it on or off.



Figure 5.1: The control panel on the back of the fan shows the On/Off button and speed indicators.

5.2 Adjusting Fan Speed

The fan has 4 speed settings: Low, Medium, High, and Natural Wind mode. Press the On/Off button repeatedly to cycle through the speeds:

1. First press: Low speed (30% power)
2. Second press: Medium speed (60% power)
3. Third press: High speed (100% power)
4. Fourth press: Natural Wind mode (cycles between speeds for a natural breeze effect)
5. Fifth press: Turn off

The LED indicators on the control panel will light up to show the current speed setting.

5.3 Adjusting Fan Direction

The fan head can be manually rotated 360 degrees horizontally and 360 degrees vertically to direct airflow precisely where needed.

720°Rotation

360°plus 360° degrees rotating



Figure 5.2: The fan offers 360-degree horizontal and vertical rotation, providing a total of 720 degrees of adjustable airflow.

6. MAINTENANCE

6.1 Cleaning

To clean the fan, ensure it is turned off and unplugged. The front grille can be removed by rotating it counter-clockwise to access the fan blades. Use a soft, dry cloth to wipe down the fan blades and grille. Do not use abrasive cleaners or immerse the fan in water.

6.2 Storage

When not in use for an extended period, store the fan in a cool, dry place. Ensure the battery is partially charged (around 50%) before storage to prolong its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fan does not turn on	Battery is depleted	Charge the fan using the USB Type-C cable.
Weak airflow	Low speed setting or dirty blades	Increase the speed setting. Clean the fan blades as described in the Maintenance section.
Fan makes unusual noise	Obstruction or loose parts	Turn off the fan and check for any obstructions. Ensure the grille is securely attached.
Fan does not charge	Faulty cable or power source	Try a different USB Type-C cable or power adapter. Ensure the power source is working.

8. SPECIFICATIONS

Feature	Specification
Brand	ATEngeus
Model Number	TF29
Color	Black
Battery Capacity	10000mAh
Charging Time	Approx. 6 hours
Operating Time	Up to 24 hours (on lowest setting)
Speed Settings	4 (Low, Medium, High, Natural Wind)
Rotation Angle	360° Horizontal, 360° Vertical
Noise Level	40-60 dB
Power Consumption	5 W
Input Voltage	DC 5V 2A
Connector Type	USB Type-C
Dimensions (D x W x H)	7 x 20 x 20 cm (approx. 9.06"D x 3.62"W x 10.51"H)
Weight	320 grams (approx. 1.35 pounds)
Material	Plastic (PP blades)
Certifications	CE, FCC, PSE, RoHS, UL



Figure 8.1: Technical dimensions of the fan.

9. WARRANTY AND SUPPORT

ATEngus products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your product, please refer to the contact information provided with your purchase or visit the official ATEngus website. Please retain your proof of purchase for warranty claims.