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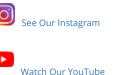
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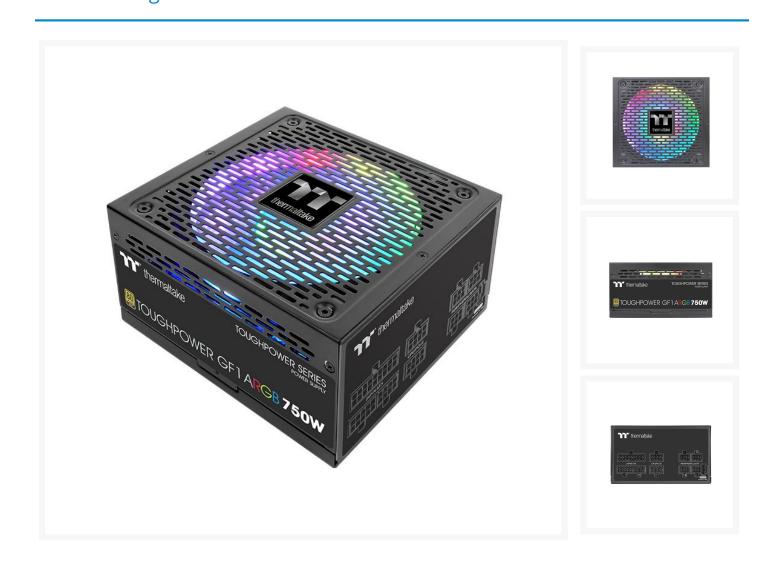
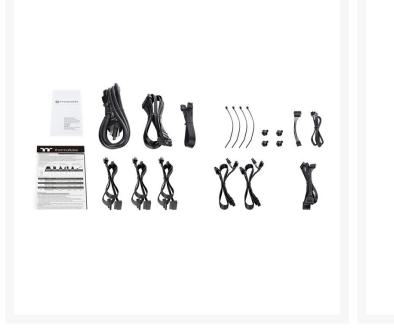www.performance-pcs.com
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# Thermaltake Toughpower GF1 ARGB 750W Gold - TT Premium Edition

**$169.99**

## Product Images

## Short Description

Toughpower GF1 ARGB Gold Series (650W/750W/850W) is crafted by using cutting-edge technology and materials to become the fusion of aesthetics and performance. The patented 16.8 million-color Riing Duo 14 RGB fan with 18 LEDs preinstalled helps deliver brighter and stunning light effect. The meticulously designed ARGB side panels enable the light to glow through.

## Description

Toughpower GF1 ARGB Gold Series (650W/750W/850W) is crafted by using cutting-edge technology and materials to become the fusion of aesthetics and performance. The patented 16.8 million-color Riing Duo 14 RGB fan with 18 LEDs preinstalled helps deliver brighter and stunning light effect. The meticulously designed ARGB side panels enable the light to glow through. The series supports synchronization with compatible RGB motherboards from ASUS, GIGABYTE, MSI, and ASRock for countless illumination possibilities. With the most stable but silent operation, the Toughpower GF1 ARGB Gold meets and even exceeds the demanding specification of the overclocker or enthusiastic PC user.

## Features

Illuminate with Twisting Blade

The built-in Riing Duo 14 RGB Fan features dual rings with 18 addressable LEDs, great light coverage, and uniform color and brightness to paint your build with 16.8 million colors.

Shining from Perfect Circles

Show off the fascinating illumination through the unique ARGB side cover design and add the amazing effect on your build.

Sync with Motherboard ARGB Software

To reach endless lighting customization, the Toughpower GF1 ARGB supports motherboards with a 5V addressable RGB header from ASUS, GIGABYTE, MSI, and ASRock. Users get to control the lights directly from the software released by those brands without enabling any additional lighting software or controllers.

Zero Cable Platform

Farewell to messy cables! The daughterboards are directly soldered to the motherboard for better heat dissipation and impressive output power quality

Ultra Quiet Smart Zero Fan

With Smart Zero Fan starting to operate when the power supply working load goes over 40%, the undesired noise will be minimized. A user-friendly switch is set on the back panel for those who prefer the fan to spin constantly.

?30 mV Low Ripple Noise

All ripples are lower than 30mV on +12V, +5V, or +3.3V from 0% to 100% load to ensure an excellent performance and a reliable operation.

Extremely Strict Voltage Regulation ?±2%

The voltage regulation, more strict than Intel's standard ±5% for major rails and ±10% for -12V, is set to no more than ±2% for major rails to meet the highest performance.

100% High Quality Japanese 105°C/221°F Capacitors

Comes with high quality 105 °C (221 ° F) Japanese capacitors to help improve the durability and offer impressive stability.

Fully Modular Low-profile Flat Black Cables

The series offers cable selection for users while powering the system at an advantageous voltage. The low-profile flat black cables make cable management easier, reduce clutter and increase airflow inside the chassis.

High Amperage Single +12V Rail Design

Powerful single +12V rail helps ensure a stable and reliable supply to other PC components.

80 PLUS Gold Certified and Intel C6/C7 States Ready

Saves energy through its high energy efficiency up to 90% and is certified to 80 PLUS® Gold. The series has been optimized to work with all generations of Intel's processors to achieve maximum energy saving.

## Specifications

| | |
|---|---|
| | PS-TPD-0750F3FAGU-1 |

| | |
|---|---|
| | 750W |
| | Yes |
| | ATX |
| | TTP-750AH3FCG-U |
| | 750W |
| | 900W |
| | Black |
| | 150mm(W) x 86mm(H) x 160mm(D) |
| | Active PFC |
| | 100-500 msec |
| | > 16msec at 100% of full load |
| | 10A |
| | 50Hz - 60Hz |
| | 100V – 240V~ |
| | 0°C to + 50°C |
| | 20% to 90%,non-condensing |
| | -20°C to + 70°C |
| | 5% to 95%, non-condensing |
| | 14cm hydraulic bearing fan |
| | Meet 80 PLUS®Gold at 115Vac input. |
| | 120,000 hrs minimum |
| | CE/cTUVus/TÜV/FCC/BSMI/CCC/EAC/S-Mark |
| | 4 |
| | OCP, OVP, UVP, OPP, SCP, OTP |

## Additional Information

| | |
|---|---|
| Brand | Thermaltake |
| SKU | PS-TPD-0750F3FAGU |
| Weight | 7.0000 |
| Color | Black |
| PSU Type | ATX |
| PSU Style | Modular |
| PSU Wattage | 750W |
| PSU Efficiency | 80 PLUS Gold |
| Vendor SKU/EAN | 841163071304 |