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Thermaltake Launches Software-Controlled Riing RGB LED Radiator Fans

News By [Derek Forrest](#) published July 27, 2016

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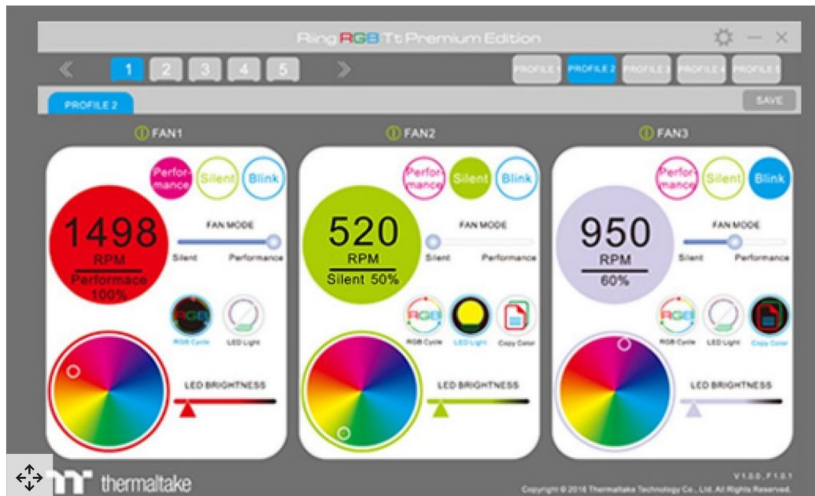
[Thermaltake](#) launched a new series of 120 mm RGB LED fans that uses software and a proprietary digital fan hub to change colors and fan speeds. We [first saw these color-changing fans at Computex](#), and the product is now available for purchase under a new (yet similar) name.

The Thermaltake Riing LED RGB Radiator Fan TT Premium Edition (the company seems to have dropped the "12" from the name) case fans are the first from the company that can change colors using software. The Riing

Thermaltake - Ex1036, Page 1 of 17**IPR2024-01230 (Thermaltake v. Lian Li Industrial, et al.)**

RGB Software can modify the 256-color LEDs (to a static color or RGB cycle) and adjust speeds for up to 48 Riing RGB fans connected by a daisy chain of digital fan hubs. Each hub supports up to three fans (you would need 16 hubs to reach the software's maximum capacity) and can be assigned a number with an onboard DIP switch to make identifying and programing your fans even easier. The software can also be used to create lighting and fan profiles.

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The fans themselves feature 11 blades and a hydraulic bearing, with rubber-padded mounts to reduce vibrations and a “wind blocker” frame that Thermaltake claimed directs airflow toward the middle of the fan blades to block air from escaping, further reducing noise and vibration. Using the software's preset Performance Mode, the fans operate at 500-1,400 RPM. In Silent Mode, the fans reduce their maximum speed to 1,000 RPM.

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The digital hub is required to interface with the software, so standard motherboard PWM fan connections will not suffice. To deter users from mistakenly plugging it into their motherboard, the fans have a proprietary 5-pin connector that will fit only on the hub.

The new Thermaltake Riing LED RGB TT Premium Edition radiator fans come in a package of three and include a digital fan hub. It's [available now from the company's website](#) for \$89.99.

Swipe to scroll horizontally



Part Number	CL-F049-PL12SW-A
Fan Dimensions	120 x 120 x 25 mm
Interface	USB 2.0 connectors (9 Pin)
OS Compatibility	Windows 7 / 8 / 8.1 / 10
Started Voltage	9.0 V
Rated Voltage	12 V
Rated Current	0.11 A
Power Input	1.32 W
Fan Speed	500 ~ 1,400 RPM
Max. Air Pressure	1.113 mm-H2O
Max. Air Flow	48.79 CFM
Noise Level	24.8 dB-A

Part Number	CL-F049-PL12SW-A
Bearing Type	Hydraulic Bearing
Life Expectancy	40,000 hrs @25°C
Weight	158 g
Package	- Fans x3- Digital Fan Hub
Software	Riing RGB Software

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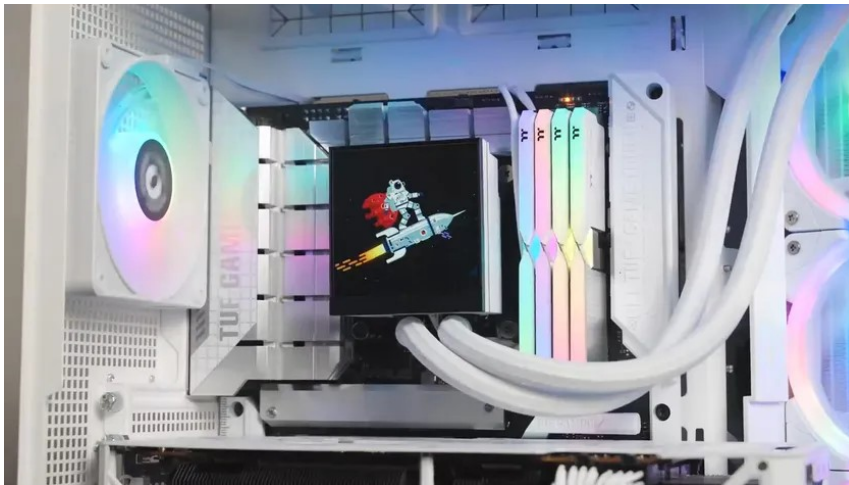
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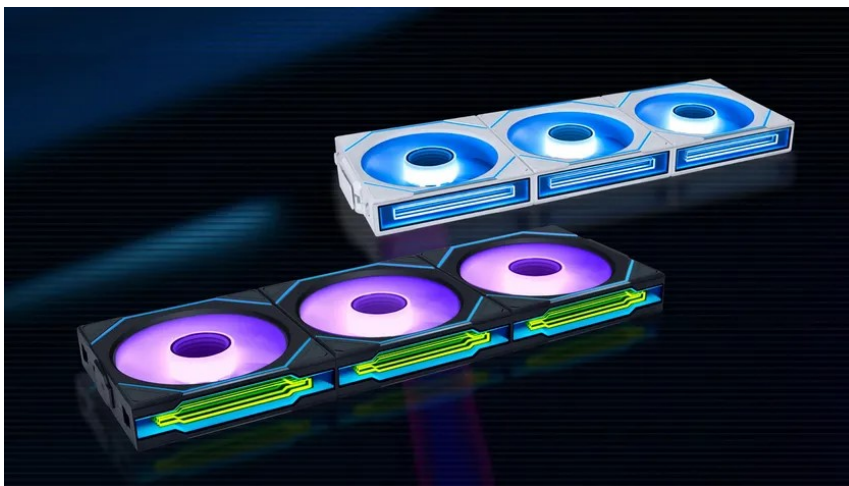
Derek Forrest

Derek Forrest is a Contributing Writer for Tom's Hardware US. He writes hardware news and reviews gaming desktops and laptops.

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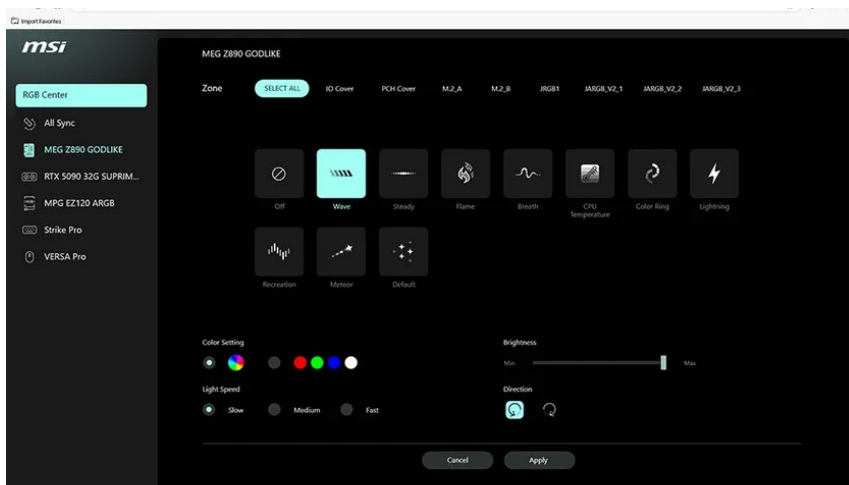
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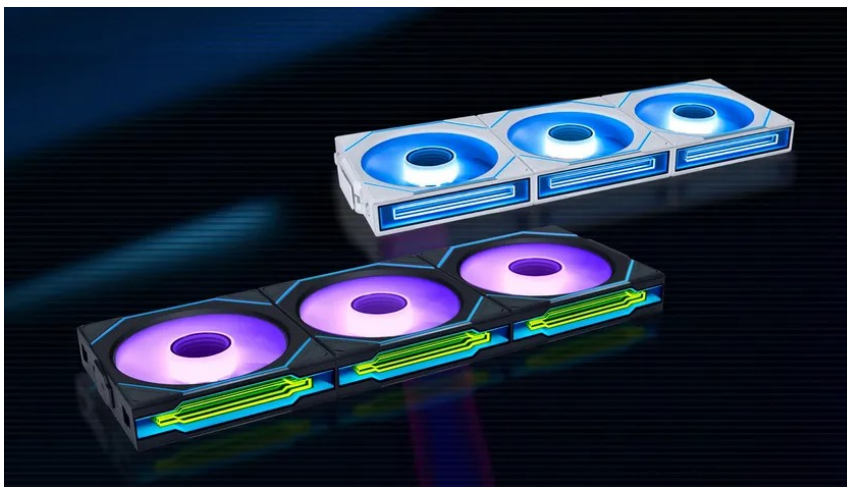
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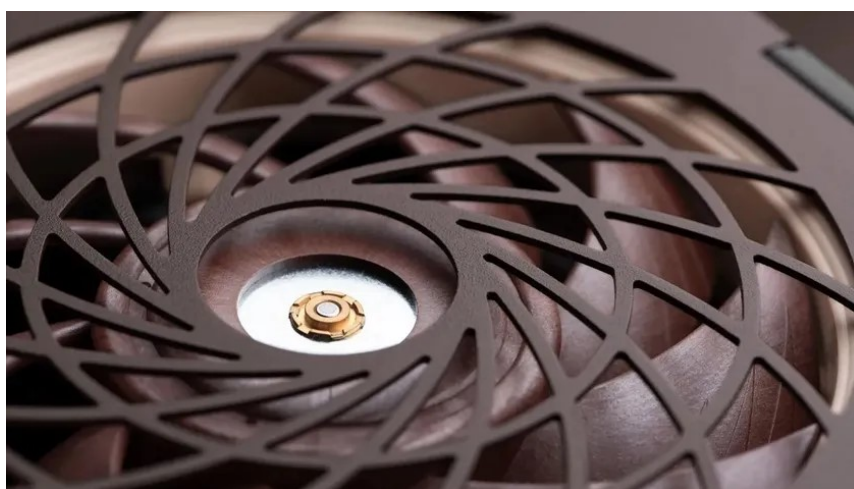
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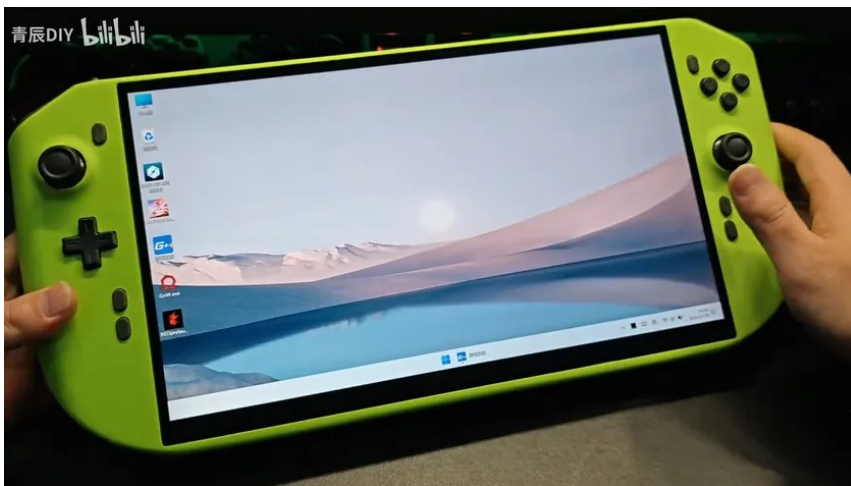


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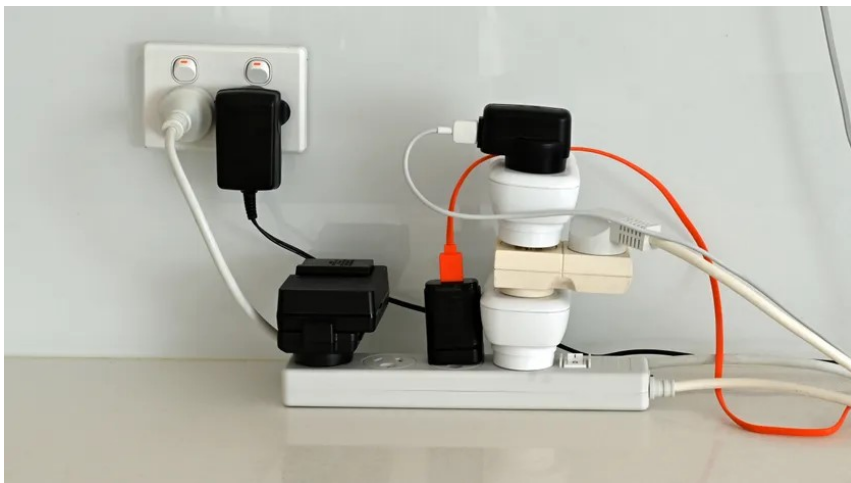
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