

SilentiumPC Fluctus 120 PWM ARGB KIT (SPC336)

A set of three SilentiumPC Fluctus 120 PWM ARGB axial fans, co-developed with Synergy Cooling. With high static pressure, very good on-application airflow and excellent acoustics, they provide outstanding performance on dense water cooling radiators and in cases equipped with dust filters. A revamped, durable fluid dynamic bearing (FDB) with 100000 h MTBF ensures its high longevity, confirmed by a 6-year manufacturer's warranty.

Each SilentiumPC Fluctus 120 PWM ARGB can be connected to a single ARGB connector, and also has the ability to be synchronized with many other SilentiumPC products: e.g. Aurora Stripes ARGB LED strips, ARGB fans (e.g. Stella HP or Corona HP ARGB), as well as Astrum, Armis, Regnum, Signum, and Ventum cases (with ARGB compatibility). The backlight system can be also synchronized with a compatible motherboard equipped with a 3-pin ARGB connector (with a 2 + 1 pin plug). This is in relation to the following solutions: ASRock Polychrome Sync, Asus Aura Sync and MSI Mystic Light. Most Gigabyte motherboards with RGB Fusion 2.0 (only in 2 + 1 plugs with an empty space between the pins) are supported natively. In some cases it may require the use of an adapter. Other addressable lighting systems are also supported, if compatible with those listed.

SilentiumPC Fluctus 120 PWM ARGB fans are equipped with a unique 9-bladed rotor with serrated leading edges. It provides high static pressure required for creating good airflow through dense radiators of all-in-one water coolers. Users can expect a 1-3 °C reduction in temperatures compared to other fans commonly paired with AIO liquid coolers – together with reduced noise levels. Wide range of speed regulation – from 300 (± 100) to 1800 ($\pm 10\%$) rpm – makes Fluctus 120 PWM ARGB suitable for use both on bigger (360 mm) and smaller (240 mm, 120 mm) radiators, which usually require higher fan speeds.

Thanks to all-round optimization, Fluctus 120 PWM ARGB can also create high airflow in less restricted applications, for example in cases with dense dust filters. Compared to other popular solutions, replacing intake fans with Fluctus 120 PWM ARGB model can reduce video card and CPU temperatures by between 1 and 4 °C while reducing noise levels (up to half perceived loudness).

Fluctus 120 PWM ARGB fans provide excellent acoustic performance thanks to technical improvements developed by Synergy Cooling. Serrated leading edges of the fan blades reduce prominent tonal noise, easily discernible over acoustic background. This is the heart of Synergy Cooling's patent pending psychoacoustic optimization and makes Fluctus 120 PWM ARGB even more pleasant to the human ear than it is apparent from standard noise level measurements. All-axis vibration dampeners built into the fan frame reduce the risk of vibrations in adjacent elements without breaking compatibility with standard 120 mm fan placements.

The speed of Fluctus 120 PWM ARGB fans can be controlled by PWM signal in a wide range from 300 (± 100) to 1800 ($\pm 10\%$) rpm, making them suitable for various usage scenarios. Case fans, water cooling radiators and air coolers all require different fan speeds to reach balance between performance and noise levels – and Fluctus 120 PWM ARGB is ready for them. Enthusiasts can even

create custom semi-passive cooling systems thanks to a fan stop feature: Fluctus 120 PWM ARGB automatically stops when PWM signal falls below 5% duty cycle, and automatically restarts when it rises above 10%. The fan is equipped with a 4-pin power cable with built-in splitter, allowing users to connect another fan to the same power and speed control source. Included 40 cm cable extension provides flexibility in installation even in voluminous cases.

Thanks to high endurance FDB bearing with 100000 h MTBF, Fluctus 120 PWM ARGB fans are covered by 6-year manufacturer's warranty.

Main features - SilentiumPC Fluctus 120 PWM ARGB KIT:

- 3 PWM ARGB fans in the set,
- addressable RGB (ARGB) with a full range of effects available to the user,
- lighting adjustment set individually to each LED source,
- high performance against airflow restrictions like water cooling radiators and dust filters,
- excellent acoustic performance,
- very wide range of speed adjustment (300 to 1800 rpm),
- PWM speed control with fan stop feature,
- long-life fluid dynamic bearing,
- built-in antivibration elements,
- built-in power and PWM signal splitter.

Technical specification - SilentiumPC Fluctus 120 PWM ARGB KIT:

- Number of fans included: 3
- Product code: SPC336
- EAN: 5900308750292
- Dimensions (single fan): 120×120×25 mm
- Rotational speed: 300 (±100) – 1800 (±10%) rpm
- Fan blades: 9
- Frame color: black
- Blade color: white
- Bearing: FDB (Fluid Dynamic Bearing)
- Speed control: PWM
- Voltage: 12 V
- Voltage (LED ARGB): 5 V
- Current: 0.30 A
- Current (LED ARGB): 0.30 A
- Connector: 4-pin (with built-in splitter)
- Connector (LED ARGB): 3-pin
- Durability (MTBF): 100 000 h
- Warranty: 72 months

Set includes:

- 3 × SilentiumPC Fluctus 120 PWM ARGB fan,
- 3 × 40 cm PWM extension cable.