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ASUS Republic of Gamers Ryujin 240 Liquid CPU Cooler

$239.95

Product Images

Short Description

The Republic of Gamers Ryujin 240 Liquid CPU Cooler from Asus features a 240mm radiator and comes with two performance 120mm Noctua NF-F12 fans. Unlike other all-in-one CPU coolers, the Ryujin 240 features an embedded fan in its pump housing, which cools nearby components such as VRMS, M.2 slots, and circuitry. On top of that, the pump housing also has a built-in 1.77" LiveDash OLED display and AuraSync RGB LED lighting, which you can customize using the LiveDash software.

Description

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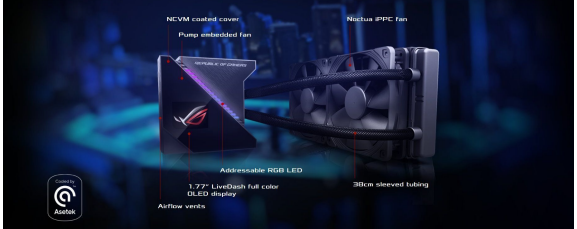
ROG Ryujin is the flagship all-in-one cooler for high-end builds designed to deliver the best thermal performance. Featuring Noctua Industrial PPC fans for quieter and quieter operation, plus an embedded fan in the pump housing for additional cooling to the VRM and M.2. ROG Ryujin keeps your system running its absolute best. Coupled with a LiveDash OLED that displays system stats or custom graphics and Aura Sync RGB lighting, ROG Ryujin is the ultimate thermal solution destined to become a vital part of your gaming rig.



COOL TO THE CORE

Noctua Industrial iPPC fan

ROG Ryujin meets the thermal challenges of the latest multi-core CPUs with industrial-grade Noctua iPPC-2000 PWM fans on the radiator that deliver high performance and low-noise operation. The 120-mm fans generate 122 m³/h of airflow at 2,000 RPM yet are extremely efficient with a 24.7-dB(A) acoustic footprint that's much quieter than competing fans.

Pump embedded fan

While powerful, liquid cooling does not circulate air around the CPU socket like a traditional heatsink and fan. ROG Ryujin overcomes this limitation with a 40mm fan embedded in the pump housing that circulates air to the CPU VRMs, M.2 slot and surrounding components to dramatically reduce temperatures for improved performance and stability.

NEXT LEVEL OF CUSTOMIZATION

LiveDash OLED

ROG Ryujin is the world's first AIO cooler to feature an embedded 1.77-inch LiveDash color OLED that displays useful system information*, such as temperatures, voltages, fan speeds, or frequencies. You can also customize LiveDash to display a customized image or animation** highlighting your clan insignia or gamertag.

*Hardware monitoring feature is only compatible with ASUS motherboards.
**LiveDash only supports GIF's and JPG files which are 128 x 128 pixels.

Complete LiveDash customizability

The LiveDash software utility lets you easily customize ROG Ryujin's LiveDash OLED display and RGB lighting effects. Select which system stats to monitor, choose personalized GIFs and images to display, and control RGB lighting from an intuitive interface that arranges settings in a step-by-step flow from top to bottom.

Subtle, striking, sleek

Infused with Aura RGB lighting in dramatic slash patterns on the shroud, Ryujin exudes a vibrant glow that highlights the CPU at the heart of your build.

PERFECT SYNCHRONIZATION

The impact of Aura RGB lighting can be further enhanced with ASUS Aura Sync, which allows harmonized lighting effects with other Aura-enabled system components and external accessories. Aura software give you complete control of lighting across all compatible devices, letting you dial in the vibe you want to display quickly and easily.

*Learn more about ASUS Aura Sync.
**Effects vary by model.

EXTENDED COMPATIBILITY

ROG Ryujin is compatible with a wide range of Intel and AMD motherboard platforms, giving you the flexibility to pair it with your choice of processor. It also comes fitted with 38cm of tubing to make mounting and routing easier.

CPU socket support

Intel — LGA 1156, 1151, 1152, 1155, 1156, 1366, 2011, 2011-3, 2066

AMD — AM4, TR4*
*The mounting bracket is bundled with TR4 processor package

Features

Noctua Industrial PPC Fan

The ROG Ryujin comes with two industrial-grade 120mm Noctua NF-F12 fans that capable of running up to 2000 rpm to deliver 122 CFM of airflow with a 29.7 dBA rating.

Pump Embedded Fan

Traditional liquid CPU coolers don't circulate air around the CPU socket, so the ROG Ryujin features an embedded fan in pump housing to cool nearby VRMs, M.2 slots, and circuitry.

Embedded Fan Details:
OLED Display: 1.77" Full Color OLED Speed: 4800 rpm +/- 10 %
Air Pressure: 3.94mm H2O
Air Flow: 19.41 CFM
Noise: 31 dBA

LiveDash OLED

Aside from the embedded fan, the pump housing also has a 1.77" LiveDash color OLED display that can display useful system information such as temperatures, voltages, fan speeds, and more. You can also customize it using the LiveDash software utility to display an image or animation, up to 160 x 128 pixels big. Aside from the LiveDash OLED display, there's also a small strip of customizable RGB LED lighting, which you can sync with other AuraSync items for extra flair.

Specifications

ASUS ROG Ryujin 240 Specs

Cooler Type	CPU Liquid Cooler
Bearing Type	SSO-Bearing
Connectors	4-Pin
Control Method	PWM (Pulse Width Modulation)
Fan Size	120 mm
Fan Speed	450 to 2000 rpm
Noise Level	29.7 dBA
LED	RGB

Maximum Airflow	121.8 CFM

Cooling
Packaging Info

Package Weight	5.095 lb
Box Dimensions (LxWxH)	14.05 x 9.3 x 5.45"

ROG RYUJIN 240

Water Block

Water block dimention: 100 x 100 x 70 mm
Block Material (CPU Plate): Copper
Embedded FAN YES
- Speed: 4,800 RPM +/- 10%
- Air Pressure: 3.23 mmH2O
- Air Flow: 19.41 CFM
- Noise: 31 dB(A)
AURA Sync: Yes
Radiator

240mm
Radiator Dimension: 272 x 121 x 27 mm
Radiator Material: Aluminum
Tube: Sleeved Rubber tube
Tube Length: 380 mm
Fan

Fan: Noctua NF-F12 InductrialPPC 2000 PWM Fan
- Size: 2 x Fan Slots (120mm)
- Dimension: 120 x 120 x 25mm
- Speed: 450 - 2000 RPM +/- 10%
- Static Pressure: 3.94 mmH2O
- Air Flow: 71.6 CFM / 121.8 m3h
- Noise: 29.7 dB(A)
- Control Mode: PWM/DC
Display

1.77" Full Color OLED
Compatibility

Intel: LGA 1150, 1151, 1152, 1155, 1156, 1200, 1366, 2011, 2011-3, 2066
AMD: AM4, TR4*
Package Content

1 x Liquid Cooler (pre-applied thermal compound)
2 x 120 mm Radiator Fan
1 x Accessory Pack of Screws and brackets
1 x Quick Start Guide
Warranty

3 years
Note

*The mounting bracket is bundled with TR4 CPU Package

Additional Information

Brand	ASUS
SKU	ROG RYUJIN 240
Weight	12.0000
Block CPU Type	Intel/AMD
Pump Type	Other
Radiator Size	240 (2 x 120mm)
Radiator Thickness	27mm
Internet Reviews	**Awards** (8) tweakpc.de **Design Award** In a nutshell, the ASUS Ryujin provides a great look and good cooling performance. If you are looking for an individual AIO with high quality features, you should definitely take a look at the ASUS ROG Ryujin 240. GERMANY 2020/08/10 More Profesional Review **Platinum** The taste has been very sweet and its OLED screen is a real step in terms of customization and system monitoring. SPAIN 2019/02/23 More Computer Shopper* **4/5 RECOMMENDED** “With this AIO, you’ll come for the customisable OLED display but stay for its impeccable cooling.” UNITED KINGDOM 2019/03/12 More Donanım Haber **Innovative Design** The Asus ROG Ryujin is a good, but naturally luxurious AIO solution at a price of 1400 lira, which can be preferred for those who prioritize something luxurious but beautiful like maximum silence and display. TURKEY 2019/09/02 More www.ddworld.cz **DD´s Recommended** Both models (Ryuo and Ryujin) have an extra feature that you practically won't find on any other AiO in the market. And that is OLED display, which can display many things. ASUS bet on a special design and super quality fans, and it's a lot to know about the price. It is high, the price/performance ratio of both ASUS AiO coolers is definitely not a strong point, but if you don't mind, then I recommend it. CZECH REPUBLIC 2019/03/05 More hitpoint.cz **HITPOINT Sticker of Quality** As for the Ryujin, the design of the cooler has generally disappointed me, looking more like a cheaper version of Ryuo. On the other hand, it has a much quieter run that is ensured by a pair of Noctua coolers. Ryujin has greater efficiency than Ryuo through AIR Flow. Result of the measurements was beautiful and sustainable in this case 63 degrees, which is relatively decent for tested clock and processor. CZECH REPUBLIC 2019/02/26 More PCAXE **AXE Platinum** ROG fans will like absolutely everything. SERBIA 2019/02/01 More www.technews.lt **Perfect** The ROG Ryujin 240 features great build quality and works flawlessly LITHUANIA 2019/04/10 More