

PREM-G1-1000

Aerocool Premier G1 Gold 1000W Power Supply Unit

Product Overview

Aerocool Premier G1 Gold 1000W PSU - ATX 3.1 PCIe5.1 - ATX 24 PIN; 1x 4+4PIN CPU; 1x CPU 8PIN; 12x SATA; 2x PATA; 9x PCIe 6+2PIN



Specifications

About this product

Buy the Aerocool Premier G1 Gold 1000W ATX 3.1 PCIe 5.1 power supply unit for high performance PC builds in South Africa. Designed for stable and efficient power delivery, this 1000W PSU supports modern GPUs and CPUs with advanced ATX 3.1 compatibility and PCIe 5.1 connectivity. Shop now for reliable system performance and clean power output for gaming and professional workloads.

Overview Summary

Aerocool Premier G1 Gold 1000W PSU

The Aerocool Premier G1 Gold 1000W is a high efficiency ATX power supply designed for demanding desktop systems that require stable and consistent energy delivery. With ATX 3.1 and PCIe 5.1 support, it is built to handle modern hardware standards including next generation graphics cards and high performance processors.

This PSU offers strong connectivity options including multiple PCIe 6+2 pin connectors, SATA support, and CPU power outputs, making it suitable for gaming rigs, workstation builds, and upgrade focused systems. Its 1000W capacity ensures headroom for power intensive components and future expansion.

Built for efficiency and reliability, the 80 Plus Gold certification helps reduce energy loss while maintaining stable voltage output under load.

Performance tier:High performance

Uses:Gaming PCs, workstation builds, high end GPU systems, PC upgrades, multi drive systems

Overview

The AeroCool PREMIER G1 is a high-performance, 80 PLUS Gold and Cybenetic Platinum certified ATX 3.1 power supply, engineered for next-gen gaming and workstation builds. With a secure 12V-2x6 PCIe 5.1 connector, APFC, and DC-to-DC conversion, it delivers stable, efficient power with ultra-low standby consumption. A 135mm fluid dynamic bearing fan with Zero

RPM mode ensures silent operation at low loads, while the fully modular design streamlines cable management. Built with premium 105degreesC capacitors and backed by a 7-year warranty, it offers long-term reliability and robust protection for your system.

Description

The Aerocool Premier G1 Gold 1000W power supply is engineered for modern PC systems that demand stable, efficient, and reliable power distribution. Featuring ATX 3.1 compliance and PCIe 5.1 support, it is ready for next generation hardware including high end graphics cards and advanced CPU platforms.

This unit is designed to support high load computing environments, making it ideal for gaming systems, creative workstations, and performance focused builds. The Gold efficiency rating ensures reduced power waste and improved system stability during extended operation.

With a wide range of power connectors, this PSU supports complex builds with multiple storage devices, high performance CPUs, and advanced GPUs, ensuring flexible compatibility for different system configurations.

Features

Key features of the Aerocool Premier G1 Gold 1000W PSU:

- 1000W high capacity output for demanding PC systems
- ATX 3.1 support for modern motherboard standards
- PCIe 5.1 compatibility for next generation GPUs
- 80 Plus Gold efficiency for reduced power loss
- Multiple PCIe and CPU power connectors for flexible builds
- High SATA and PATA support for storage expansion
- Stable power delivery for gaming and workstation performance

FDB

The fan's Fluid Dynamic Bearing (FDB) offers superior durability and reduced noise through its smooth operation based on fluid dynamics, enabling overall performance and extending its lifespan.

Premium Capacitor Build

Built with 100% high-grade 105degreesC capacitors, this PSU ensures long-term durability and rock-solid voltage regulation. Enjoy consistent, reliable performance across gaming, rendering, and multitasking.

Next-Gen Standards Ready

Compliant with the latest ATX 3.1 and PCIe 5.1 specifications, the PREMIER G1 delivers future-proof performance. A secure 12V-2x6 connector ensures stable power delivery to next-gen GPUs.

Compact & Case-Friendly

A shorter 140mm shell makes installation easier in tighter spaces or compact PC cases. Ideal for streamlined builds without sacrificing power.

Whisper-Quiet Cooling

A 135mm fluid dynamic bearing fan with Zero RPM Mode keeps noise to a minimum during low loads. Enjoy silent operation and smooth thermals when you're not pushing your system.

Robust System Protection

Seven layers of safety-OVP, UVP, OPP, SCP, OCP, OTP, and surge/inrush protection-guard your system from electrical hazards. Peace of mind comes built in.

ComX Computers

Product Specification Sheet

Built to Last

Engineered with high-quality components to endure 100,000 hours at full load and 40degreesC. This ensures long-term stability, reliability, and consistent performance under demanding conditions.

Eco-Conscious Efficiency

Certified 80 PLUS Gold and Cybenetics Platinum, the PREMIER G1 delivers top-tier power efficiency and ultra-low standby consumption. Meets ErP 2013 Lot 6 and ErP 2014 Lot 3 standards with vampire power under 0.25W.

What's in the Box

- Aerocool Premier G1 Gold 1000W PSU unit
- Power cables
- Modular or fixed connector cables (based on design)
- User documentation

Specifications

- Product type: ATX power supply unit
- Wattage: 1000W
- Efficiency rating: 80 Plus Gold
- ATX standard: ATX 3.1
- PCIe standard: PCIe 5.1
- Main power connector: ATX 24 pin
- CPU power: 1 x 4+4 pin CPU, 1 x CPU 8 pin
- SATA power connectors: 12 x SATA
- PATA connectors: 2 x PATA
- PCIe connectors: 9 x PCIe 6+2 pin
- Application: Gaming PCs, high performance desktops, workstation systems

FAQ

Is the Aerocool Premier G1 Gold 1000W suitable for gaming PCs?

Yes, this 1000W PSU is designed for gaming systems that require stable and high power delivery for modern GPUs and CPUs.

Does this power supply support PCIe 5.1 graphics cards?

Yes, it includes PCIe 5.1 support, making it compatible with next generation graphics hardware.

How many storage devices can it support?

It supports up to 12 SATA devices and 2 PATA devices, making it suitable for multi drive storage setups.

Is this PSU efficient for long term use?

Yes, the 80 Plus Gold efficiency rating helps reduce power waste and improves overall system stability.

Can this PSU be used for workstation builds?

Yes, it is suitable for workstation and professional systems that require stable high wattage power output.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/PREM-G1-1000-Aerocool-Premier-G1-Gold-1000W-Power-Supply-Buy-p-336725.php>

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