EVGA SuperNOVA 1000G XC ATX3.0 & PCIE 5, 80 Plus Gold Certified 1000W, 12VHPWR, Fully Modular, ECO MODE with FDB Fan, 100% Japanese Capacitors, Compact 150mm Size, Power Supply 520-5G-1000-K1

Part Number: **520-5G-1000-K1**



Introducing the EVGA SuperNOVA 1000G XC - The first ATX 3.0 compliant and PCIe 5.0-ready power supply from EVGA. Featuring a half-bridge LLC resonant controller, DC-DC converter, APFC, and 100% Japanese Capacitors, this power supply is extremely stable with low ripple and noise, and 80 Plus Gold-rated for efficiency. The SuperNOVA 1000G XC includes a native 12VHPWR cable capable of delivering up to 600W output, while supporting up to 200% Total Power Excursion and 300% GPU Power Excursion for PCIe 5.0 graphics cards. An ultra-quiet PWM-controlled FDB fan runs completely silent at medium-low loads and temperatures thanks to EVGA ECO Mode. With a full-suite of protections and EVGA's 3-Year limited warranty, the EVGA SuperNOVA 1000G XC gives you everything you need for a modern gaming system.

FEATURES

- ATX 3.0 Compliant & PCIe 5.0 Ready
- 100% Japanese Capacitors ensure long-term reliability
- 80 PLUS Gold certified, with 90% (115VAC) / 92% (220VAC~240VAC) efficiency or higher under typical loads
- Half-bridge LLC Resonant Controller and DC-DC design leads to extremely tight voltage regulation and very low ripple & noise
- Supports up to 200% Total Power Excursion
- Supports up to 300% GPU Power Excursion
- PWM-controlled FDB fan reduces noise through precise fan-curve control
- Fully Modular to reduce clutter and improve airflow
- EVGA ECO Intelligent Thermal Control System eliminates fan noise at low to medium loads
- Heavy-duty protections, including OVP (Over Voltage Protection), UVP (Under Voltage Protection), OCP (Over Current Protection), OPP (Over Power Protection), SCP (Short Circuit Protection), and OTP (Over Temperature Protection)

CABLE LENGTH

ATX Cable	1x 600mm
EPS Cable	2x 700mm
PCIe Cable	2x 700mm, 2x 700mm, 850mm
12VHPWR Cable	1x 700mm
SATA Cable	4x 550mm, 670mm, 790mm
Four-Pin Peripheral Cable	1x 450mm, 570mm, 690mm, 810mm
AC Power	1x 1500mm
Modular Cable Type	Full

CONNECTOR QUANTITY

24 Pin ATX	1x 24pin
EPS (CPU)	2x 8pin (4+4)
PCIe	6x 8pin (6+2)
PCIe 12VHPWR	1x 16pin (12+4)
SATA	12x
Four-Pin Peripheral	4x

INPUT

Input Voltage	100-240V~
AC Input	12-6A
Input Frequency Range	60/50Hz
Efficiency	90% (115VAC) / 92% (220VAC~240VAC) or Higher Typical

OUTPUT

Rail	+3.3V	+5V	+12V	-12V	+5Vsb
Max output	24A	24A	83.3A	0.3A	3A
	120W		1000W	3.6W	15W
Total	1000W				

ADDITIONAL DETAILS

Operating Temperature	0 to 50° C
Japanese Capacitors	100%
ECO Mode	Yes
MTBF	100,000 Hours
Gross Weight	8 lbs
Size	86mm (H) x 150mm (W) x 150mm (L)
Approvals	TUV, CB, CE, FCC, RCM, cTUVus, BSMI, WEEE, UKCA, RoHS Compliance with ErP Lot 3 2014 Requirement
Fan Size / Bearing	135mm Fluid Dynamic Bearing
UPC	843368077129
EAN	4250812447593

PRODUCT WARRANTY

This product is covered under EVGA's 3 year limited warranty which covers parts and labor.
Further warranty extension is available upon registration within 90 days of purchase.
For more details please visit **https://www.evga.com/warranty/**