

EVGA. SUPERNOVA

NEX750B



750W POWER SUPPLY

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Introduction: Premium Power

Thank you for purchasing an EVGA SuperNOVA NEX Bronze series power supply. The NEX750B is a premium quality power supplies intended to meet the needs of the most demanding PC gaming systems. Designed with gamers' needs in mind the NEX series is the best choice to power next generation gaming systems.



SuperNOVA NEX 750W BRONZE

Safety Information

WARNING: This unit has no user-serviceable parts inside. Opening the casing presents a risk of electrocution and will void the warranty. EVGA will not be responsible for any result of improper use, use for which the product was not intended, or use inconsistent with the warranty and this manual (also available at www.evga.com/support/manuals/).

Features

STABLE POWER

The NEX750B has outstanding electrical performance with **ultra stable voltage** and extremely **clean outputs**. This can help you achieve the highest possible overclock, or just the most stability and reliability. The NEX750B also has high efficiency **up to 85%** at 50 degrees Celsius and is **80PLUS Bronze** certified.

THE BEST PROTECTION

The NEX750B comes equipped with the most comprehensive protection set possible, including Over Voltage Protection (**OVP**), Under Voltage Protection (**UVP**), Over Power Protection (**OPP**), Short Circuit Protection (**SCP**), Over Temperature Protection (**OTP**), and Over Current Protection (**OCP**). This product is also covered by an exceptional **3-year warranty** and EVGA's legendary customer service and support.

SUPERIOR BUILD QUALITY

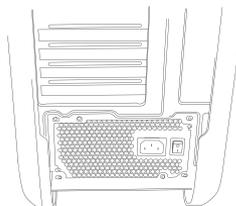
The NEX750B is built to the highest standards, using **Japanese capacitors** rated at 105 degrees Celsius and high quality brand-name semiconductor components for the highest performance and reliability.

MODULAR DESIGN

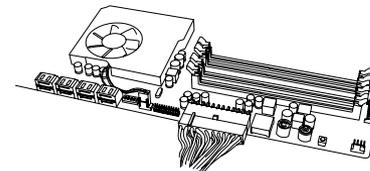
The NEX750B is designed with the enthusiast in mind, with a well-designed modular interface. This allows you to reduce case clutter and improve airflow, for the coolest, quietest, nicest-looking system possible.

Installation

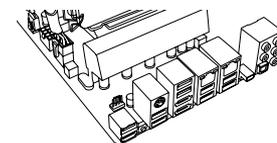
1. Remove the power supply from its packaging.
2. Use the provided screws to install the power supply into your computer case. **NOTE:** It is recommended to install the power supply with the fan facing down. However, if your case places the power supply at the bottom of the case and there are no ventilation holes there, it may be best to install the power supply with the fan facing up for greater efficiency and reliability.



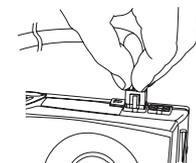
3. Connect the 24-pin ATX cable to the motherboard. **NOTE:** This power supply allows you to detach the four right-most pins to make this connector into a 20-pin connector. Under NO circumstances should you plug the extra four-pin connector into your motherboard's 4-pin ATX12V or "P4" connector. Serious damage may occur.



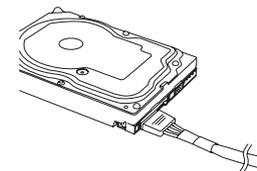
4. Connect the 8-pin EPS12V cable(s) to the motherboard. One of the EPS12V connectors can be split to form a 4-pin ATX12V connector if your board lacks an EPS12V connector.



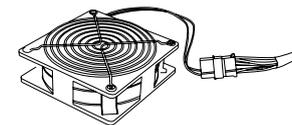
5. Connect the 6/8-pin PCIe cables to your graphics card(s). **NOTE:** Do not attempt to plug an 8-pin PCIe cable into a 6-pin connector without first detaching the two extra pins.



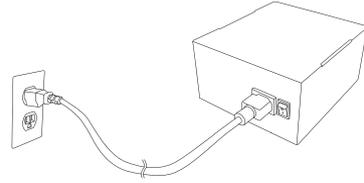
6. Connect the SATA cables to your system's drives (hard drives, solid state drives, and optical drives). If your motherboard supports additional PCIe power delivery via SATA connector, connect a SATA cable to your motherboard as well.



7. Connect the peripheral "molex" connectors to the power supply and your fans, legacy hard drives, and other devices.



8. Connect the AC power cord to your power supply and to the wall, and turn the power switch to the ON position.



Cable Configuration

Modular Connector		Cables	Cable Color	+12V Rail
Hardwired	MB	1x ATX24/20 pin	Black	+12V1
	CPU1	1x ATX12V/EPS12V 4+4 pin		+12V3
	VGA1	1x PCIe 6+2 pin	Red	+12V2
	VGA2	1x PCIe 6+2 pin+6 pin		+12V2
CPU2	1x EPS12V 4+4 pin	Black	+12V1	
VGA3	1x PCIe 6+2 pin 1x PCIe 6+2 pin+6 pin	Red	+12V4	
VGA4			+12V4	
SATA1	3x SATA 5 pin x3	Black	+12V3	
SATA2				
SATA3				
PERP1	2x Molex 4 pin x3	Black	+12V3	
PERP2				
FDD	1x Molex to FDD Adapter	Black	+12V3	

Specifications

EVGA	SuperNOVA NEX750B BRONZE						+50°C ambient @ full load	80Plus BRONZE
AC Input	100-240 VAC~, 12-5.5A, 50-60 Hz, C-14 input connector							
DC Output	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-12V	+5Vsb
MAX output, A	25	25	20	20	20	20	0.8	3
Combined, W	150		61A / 732W				9.6	15
Output power, Pcont	750W @ +50°C							



Dimensions: 85mm (H) x 150mm (W) x 165mm (L)

Over Voltage Protection, Under Voltage Protection, Short Circuit Protection, Over Temperature Protection, Over Power Protection.

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EVGA Corp. 2900 Saturn Street, Suite B Brea, CA 92821

www.evga.com