CORSAIR HX SERIES Power Supply

















About Corsair Memory

Corsair Memory has maintained a leadership position in the design and manufacture of high speed memory since 1994. Corsair is consistently first-to-market with leading-edge products supporting new computing platforms and technologies from servers to ultra-high performance gaming systems. Corsair is consistently highly-rated in polls, benchmarks and reviews by experts and performance computer users.



Advanced high performance power supply for the most demanding PC!

From the manufacturer of the "World's Most Awarded Memory" comes the Corsair HX Series Power Supply. With that same legendary focus on the performance and reliability, Corsair has engineered the HX Series to support even the most demanding of systems. The Corsair HX Series incorporates the most advanced technology to deliver reliable, continuous, and efficient power to all critical system components. The HX Series is the ideal power supply for high performance and gaming PCs, Audio/Video workstations, and file servers.

■ Powerful

The HX Series efficiently delivers continuous full rated output with solid triple +12V rails for a combined maximum output rating of 50A (40A on 520W), and is engineered to exceed the requirements for even the most power hungry of computers.

■ Efficient

Utilizing advanced double-forward switching circuitry design, the HX series provides 80%+ high efficiency and Active Power Factor Correction (PFC), ensuring the PSU generates minimal heat during operation and uses less electricity.

Customizable

The enhanced modular cable solution provides flexible cables for superior cable routing. This eliminates cable clusters and optimizes the airflow inside your case.

■ Quiet and Cool

The high quality thermally controlled double ball-bearing 120mm fan delivers excellent air flow with whisper quiet operation.

■ Dual GPU Ready

The HX Series offers native support for dual graphics card configurations with two PCI-Express cables and high performance +12V rails.



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Legendary Corsair Warranty and Customer Service

Corsair stands behind the HX product family with an industry leading 5 year (60 months) warranty. Because questions occur at all hours, on-line customer support is accessible 24/7 at www.askthepowerguy.com

You'll find FAQs and helpful hints from experts and other users, as well as easy directions for organizing returns if needed.



















Corsair is a member of the industry module design body, JEDEC, the Joint Electronic Device Engineering Council, which defines memory standards.

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Core Features:

- Supports the latest ATX12V v2.2 and EPS12V 2.91 standards and is backwards compatible with ATX12V 2.01 systems
- Guaranteed to deliver rated specifications at 50°C
- Active Power Factor Correction with PF value=0.99 provides clean and reliable power to your system
- 8 Serial ATA connectors (4 on 520W)
- 105°C rated industrial grade capacitors provide uncompromised performance and reliability, delivering 4 times the lifespan of conventional 85°C rated capacitors
- Powerful +5Vsb rail with 3A rating
- Auto switching circuitry provide universal AC input 90~264V
- Over Current/Voltage/Power Protection, Under Voltage Protection, and Short Circuit Protection provide maximum safety for your critical system components
- Gold plated connectors provide oxide free ultra low-resistance contact between the power supply and your critical components.
- Dimensions: 5.9"(W) x 3.4"(H) X 5.9"(L) 150mm(W) x 86mm(H) x 150mm(L)
- MTBF: 100,000 Hours

PART NUMBER	620W	520W
US	CMPSU-620HX	CMPSU-520HX
UK	CMPSU-620HXUK	CMPSU-520HXUK
EUROPE	CMPSU-620HXEU	CMPSU-520HXEU

Corsair HX620W	/ Specifico	ations: M	odel CMP	SU-620H	X		
AC INPUT	90-264V ~ 10A 50/60Hz						
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb
MAX CURRENT	24A	30A	18A	18A	18A	0.8A	3A
MAX COMBINED WATTAGE	170W		600W		9.6W	15W	
	TOTAL POWER: 620W						

Corsair HX520W	/ Specifico	ations: M	odel CMP	SU-520H	X		
AC INPUT	90-264V ~ 9A 50/60Hz						
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	+12V3	-12V	+5Vsb
MAX CURRENT	24A	24A	18A	18A	18A	0.8A	3A
MAX COMBINED WATTAGE	140W		480W		9.6W	15W	
	TOTAL POWER: 520W						