

Chill CP-450A4 450W ATX2.2 Power Supply

True Power - No Noise

True Virtual Silent Operation

This innovative power supply offers unique noise characteristics for the demanding noise enthusiast. The superior temperature management system, combined with the huge 140mm silent fan will reduce case temperature, improve airflow and make sure the Power Supply will always remain virtually silent - even during high load.

Real Power Output

This efficiently designed ATX Power Supply provides REAL 450W output rated at 50°C for even quite powerful multimedia and gaming systems, Media Center PC's and industrial servers. It features two separated 12V rails for maximum stability and ultra tight voltage regulation. It even features EPS12V 4/8-pin connection for Dual/Quad Core systems and Dual PCI-Express connections for hi-end VGA card solutions.

Full Protection

An advanced protection circuit will constantly monitor the Power Supply and PC components. If any fault is detected related to power distribution, the unit will automatically shut down to prevent further damage to the system. In additions it offers enhanced protection against external voltage spikes and lightning, compared to conventional Power Supplies.

RPM Monitor

This feature will let you monitor the actual speed of the built-in fan, if your motherboard supports it. The RPM will give a perfect clue on system load and heat being generated inside the PC.

Environment Friendly

This unit even exceeds the RoHS requirements (Restriction of Hazardous Substances). It limits the use of Lead and other substances damaging to the environment. Together with the +80% efficient design and low standby consumption (~1W), this not only saves the environment, but also your electrical bill.

CP-450A4 520W SPECIFICATIONS

AC INPUT	100-240V~, 47-64Hz, 4-10A					
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	-12V	+5VSB
	30A	30A	20A	20A	0.8A	2.5A
HIGH EFFICIENCY ULTRA SILENT POWER SUPPLY	160W		384W		9.6W	12.5W
	MAX 450W					

Form Factor: ATX 2.2 / EPS 2.92
Cooling System: 140mm temperature controlled fan
Noise Level: ~800-1350 RPM +/-10%
Efficiency: >80% Nominal
PFC: Active-PFC (PF>0.9)
Standby: ~1W
MTBF: +100.000 hours minimum at 25°C
Operating Temp: 10°C to 50°C
Humidity: 20% to 70% non-condensing
Approvals: EMC / CE, FCC, TÜV, RoHS
Dimensions: 150 x 160 x 86 mm (D x L x H)



1x Detachable
20/24-pin Main-ATX



1x Detachable
4/8-pin ATX12V / EPS12V



2x
6-pin PCI-EXPRESS



4x
S-ATA HDD/DVD



7x
4-pin MOLEX Peripheral



1x
Floppy



1x
RPM Monitor

Scandinavian Design and Development



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