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21 Laptops Reviewed

From stylish to affordable to blazingly powerful **50**

Technology in F1

A peek into fast computers and fast cars **72**

Microsoft e-Home

When tech comes together to 'smarten' your home **98**

Kill Spam

New ways to obliterate those pesky mails **116**

DVD ripping

Killer tips for the best quality rips **108**

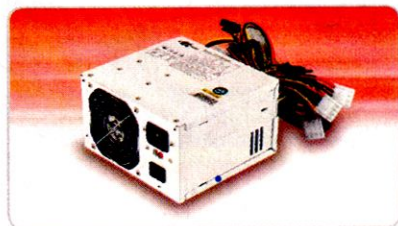


Sony PlayStation 3:

The Power Is Here **62**

POWER SUPPLY UNIT

Glacial Power GP-PS550BP



Specifications

Dimensions (W x H x D): 140 x 86 x 150 mm, Output power: 550 W, Connectors: 24-pin power, 4-pin ATX 12V, 2 SATA, 2 PCIE, 5 Molex, 1 FDD, Others: Dual +12V, 80 mm rear fan

Price	Rs 4,500
Contact	SMC International
Phone	011-26293001
E-mail	smcdel@del2.vsnl.net.in
Website	www.glacialpower.com
Warranty	1 year

RATINGS

Build quality	<div><div></div><div></div><div></div><div></div><div></div></div>
Performance	<div><div></div><div></div><div></div><div></div><div></div></div>
Features	<div><div></div><div></div><div></div><div></div><div></div></div>
Overall Rating	<div><div></div><div></div><div></div><div></div><div></div></div>
Value for Money	<div><div></div><div></div><div></div><div></div><div></div></div>

HIGH POWER AND GOOD VALUE►

Having a rated output power of 550 watts, the GP-PS550BP is ideal for building a power-hungry gaming rig or a system with high power requirement. The PSU features dual +12V rails to balance the load demanded by the graphics cards and peripherals. Two PCIE power connectors are provided for powering SLI or CrossFire setups. Two SATA and five Molex connectors are available for drives. Though enough, at least two more SATA power connectors should have been provided for RAID setups like 0+1 and 5. The unit is fitted with an 80 mm rear exhaust fan to expel the heat dissipated by components within. The side opposite the fan features a honeycomb mesh for drawing in heat generated within the case.

Performance

To assess the performance of the PSU we loaded it with a 120 mm case fan, six hard drives and Nvidia GeForce 7800GTX graphics card that draws power from a PCIE power connector. Using a multi-meter we measured the voltage under idle and load conditions. Load was created by throttling the GPU by running the Doom III benchmark at the highest settings. The PSU remained extremely stable with hardly any drop in voltage on the +12V rail.

Verdict

The GP-PS550BP is as efficient as its counterparts by other renowned brands—a good bargain considering the price.

FOR: Good stability, multi-GPU support.

AGAINST: Few SATA power connectors.

DC Output Load						
DC output	+5 V	+3.3 V	+12V1	+12V2	-12V	+5V sb
Max current (A)	25	18	18	18	0.6	3
Max power (W)	125	82.5	216	216	7.2	15
Combined max power (W)	130		400		7.2	15
Total max output power (W)	550					

PC CASE

Zebronic Rage



Specifications

Size: (WxHxD) 19 x 43.5 x 48.5, Drive Bays: 4 5.25 inch bays, 5 3.5-inch bays, Expansion Slots: 7, PSU: 550W, Connectors: 4 Molex, 1 SATA, 24-pin power, 4-pin ATX 12V, 8-pin EPS-12V

Price	Rs 4,200
Contact	Top Notch Infotronics
Phone	044-26616201
E-mail	enquiry@zebronic.net
Website	www.zebronic.net
Warranty	3 years (for the PSU)

RATINGS

Build quality	<div><div></div><div></div><div></div><div></div><div></div></div>
Ergonomics	<div><div></div><div></div><div></div><div></div><div></div></div>
Performance	<div><div></div><div></div><div></div><div></div><div></div></div>
Features	<div><div></div><div></div><div></div><div></div><div></div></div>
Overall Rating	<div><div></div><div></div><div></div><div></div><div></div></div>
Value for Money	<div><div></div><div></div><div></div><div></div><div></div></div>

HOT FEATURES, COOL CASE►

Zebronic brings a temperature probe and more to the sub-2.5K bracket. The Zebronic Rage PC case is a mid tower ATX case with a temperature probe and a 220 mm intake fan for the removable side panel. The fan is lit by 5 blue colored LEDs and does a decent job of upping the style statement of the case. The fan also features a potentiometer for controlling its speed though noise emissions were quite low even at the highest speed.

The case features 4, 5.25-inch drive bays and can house 4, 3.5-inch drives. There is an exposed 3.5 bay that can hold floppy or zip drives. A round metallic power button sits under the drive openings with a smallish reset button right below it. An LCD on the front panel can show information like ambient temperature inside the case and hard drive activity and has a blue backlight that compliments the fan's LEDs. You can select Centigrade or Fahrenheit scales and set custom alarm temperatures for the LCD. There are 2 USB ports on the left side of the display, and mic and headphone outs on the right

side. Zebronic has put in a pre fabricated USB header which works with most front panel pin configurations. The case can hold 7 expansion boards and has notches on the side to slide in cards with wider connectors.

Build quality is good though the front panel plastic feels a bit weak. The edges inside the case are well molded to prevent injury. The black glossy finish of the case makes it look quite sleek.

The power supply included with case is rated at 550W and features a decent set of connectors. There are 4 molex connectors, a SATA power connector, a 24 pin ATX connector, a 4 pin ATX connector for AMD boards and an 8 pin ATX connector for newer Intel boards. A PCI express connector is sorely missing here. We tested the performance with a Geforce 7800 GTX, 3 hard drives, and the 12 Volt fan, and we were quite impressed. At full load the PSU provided a constant 11.98V.

FOR: Large 220 mm led fan, smooth edges, LCD temperature display

AGAINST: Glossy finish picks up fingerprints, no PCI express connector.