

be quiet! System Power B10 power supply unit 550 W 20+4 pin ATX ATX Black



Brand : be quiet!

Product code: BN327

Product name : System Power B10

- Temperature-controlled 120mm quality fan reduces system noise
- Rock-solid stability with a strong 12V-rail
- Tight voltage regulation using DC-to-DC technology
- Dependable operation to support powerful GPUs
- Stand-by drain of less than 0.15 watts
- 80 PLUS® Bronze efficiency (up to 89.1%)
- Attractive black flat cables
- Complete suite of top safety features

550W, DC/DC, 80 PLUS Bronze, 120 mm, 1800 RPM, 25.7 dB, 20+4-pin, PCI-e 6+2-pin, 5x SATA, 150 x 140 x 86 mm

be quiet! System Power B10. Total power: 550 W, AC input voltage: 200 - 240 V, AC input frequency: 50 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 55 cm, SATA power cable length: 450,550,570,670,690 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Width: 140 mm, Depth: 86 mm, Height: 150 mm

Power		Performance	
Total power *	550 W	Power supply unit (PSU) form factor *	ATX
AC input voltage *	200 - 240 V	ATX version	2.52
AC input frequency	50 Hz	EPS version	2.92
Input current	4 A	Noise level	25.7 dB
Power factor	0.95	Bearing technology	Sleeve
Power Factor Correction (PFC) type	Active	Mean time between failures (MTBF)	100000 h
Combined power (+3.3V)	120 W	Certification	CB, TÜV, cRUus, cTUVus, RCM (Australia), BSMI, CU (Russia)
Combined power (+12V)	550 W	Country of origin	Germany
Combined power (+5V)	120 W	Design	
Combined power (-12V)	3.6 W	Product colour	Black
Combined power (+5Vsb)	15 W	Cooling type	Active
Max output current (+3.3V)	20 A	Fan diameter	12 cm
Max output current (+12V)	45.83 A	Number of fans	1 fan(s)
Max output current (+5V)	20 A	Fan speed	0 - 1800 RPM
Max output current (-12V)	0.3 A	On/off switch	✓
Max output current (+5Vsb)	3 A	Operational conditions	
Hold time	17 ms	Operating temperature (T-T)	0 - 40 °C
Efficiency	89.1%	Storage temperature (T-T)	-20 - 70 °C
Power Good signal delay range	100 - 150 ms	Operating relative humidity (H-H)	0 - 90%
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage	Storage relative humidity (H-H)	0 - 95%
Ports & interfaces		Weight & dimensions	
Motherboard power connector *	20+4 pin ATX	Width	140 mm
Motherboard power cable length	55 cm	Depth	86 mm
Number of SATA power connectors	5	Height	150 mm
Number of PATA power connectors	1	Weight	1.83 kg
SATA power cable length	450,550,570,670,690 mm	Packaging data	
Peripheral (Molex) power connectors (4-pin) *	1	Manual	✓
Peripheral (Molex) power cable length	790 mm	Manual languages	German, English, Spanish, French, Polish, Russian
PCI Express power connectors (6+2 pin)	2	Package width	195 mm
PCI Express power cable length	65 cm	Package depth	268 mm
CPU P4 connector (4-pin)	1	Package height	97 mm

Ports & interfaces		Packaging data	
CPU power connector (4+4 pin)	✓	Package weight	2.2 kg
CPU power cable length	60 cm	Technical details	
ATX power connector (20+4 pin)	✓	Sustainability certificates	ENERGY STAR, ErP
Cabling type	Non-Modular	Warranty period	5 year(s)
Performance		Compliance certificates	CCC, CE, Federal Communications Commission (FCC), RoHS, WEEE
80 PLUS certification *	80 PLUS Bronze	Other features	
Purpose *	PC	Screws included	✓
		Noise level (silent mode, <30%)	8.6 dB
		Noise level (quiet mode, 50%)	9.4 dB
		Noise level (full-load mode, 100%)	25.7 dB



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