

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
CPU power connector (4+4 pin)	✓	Package weight	2.2 kg

Ports & interfaces		Technical details	
CPU power cable length	60 cm	Sustainability certificates	ENERGY STAR, ErP
ATX power connector (20+4 pin)	✓	Warranty period	5 year(s)
Cabling type	Non-Modular	Compliance certificates	CCC, CE, Federal Communications Commission (FCC), RoHS, WEEE
Performance		Other features	
80 PLUS certification *	80 PLUS Bronze	Screws included	✓
Purpose *	PC	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



4260052189078

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 28-JUN-2024. Prints or copies of Information are only valid on the printed Publication date