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





Total power* 550 W Power supply unit (PSU) form factor AC input voltage* ATX AX	Power		Performance	
Name of Power (1-2V) Power (1-2V	•		Power supply unit (PSU) form factor *	ATX
Power factor	AC input frequency	50 Hz	ATX version	2.52
Power Factor Correction (PFC) type Active Bearing technology Sleeve Combined power (+3.3V) 120 W Mean time between failures (MTBF) 100000 h CB, TÜV, cRUus, cTUVus, RCM (Australia), BSMI, CU (Russia) Combined power (+12V) 550 W Certification CB, TÜV, cRUus, cTUVus, RCM (Australia), BSMI, CU (Russia) Combined power (+12V) 3.6 W Country of origin Germany Combined power (+5Vsb) 15 W Design For doubt coursel Max output current (+3.3V) 20 A Pount colour Black Max output current (+12V) 45.83 A Cooling type Active Max output current (+12V) 0.3 A Number of fans 1 fan(s) Max output current (+5Vsb) 3 A Fan speed 0 - 1800 RPM Hold time 17 ms Operating temperature (T-T) 0 - 1800 RPM Fificiency 89.1% Operating temperature (T-T) 0 - 40° °C Power Good signal delay range 100 - 150 ms Operating temperature (T-T) 0 - 90° °C Power failures 20 + 4 pin ATX Weight & dimensions Motherboard power cable	Input current	4 A	EPS version	2.92
Now Forward Combined power (+3.3V) 120 W 12	Power factor	0.95	Noise level	25.7 dB
Combined power (+12/Y) 55 0 W Certification CB, TÜV, cRUus, cTUVus, RCM (Australia), BSMI, CU (Russia) Combined power (+12V) 3.6 W Country of origin Germany Combined power (+12V) 3.6 W Design Frameway Max output current (+12V) 45.83 A Product colour Black Max output current (+12V) 45.83 A Cooling type Active Max output current (+5Vs) 20 A Number of fans 1 fan(s) Max output current (+12V) 3.4 Fan giameter 12 cm Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Hold time 17 ms On/off switch ✓ Efficiency 89.1% Operating temperature (T-T) 0 - 40 °C Power good signal delay range 100 - 150 ms Operating temperature (T-T) 0 - 40 °C Power protection features 20 + 4 pin ATX Storage temperature (T-T) 0 - 90 °C Motherboard power connector * 20 + 4 pin ATX Weight & dimensions 140 mm <td>Power Factor Correction (PFC) type</td> <td>Active</td> <td>Bearing technology</td> <td>Sleeve</td>	Power Factor Correction (PFC) type	Active	Bearing technology	Sleeve
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Power protection features Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage Ports & interfaces Motherboard power connector * 20+4 pin ATX Motherboard power cable length Number of SATA power connectors SATA power cable length Peripheral (Molex) power connectors (4-pin) * 790 mm Peripheral (Molex) power connectors (6+2 pin) PO mm CPU P4 connector (4-pin) Over current, Over power, Over voltage, Storage temperature (T-T) Storage temperature (T-T) -20 - 70 °C Operating temperature (T-T) -20 - 70 °C Operating relative humidity (H-H) 0 - 90% Storage relative humidity (Holex) Pelght (H) Manual languages Manual	•		Operational conditions	
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Operating relative humidity (H-H)0 - 90%Ports & interfacesStorage relative humidity (H-H)0 - 95%Motherboard power connector *20+4 pin ATXWeight & dimensionsMotherboard power cable length55 cmWidth140 mmNumber of SATA power connectors5Depth86 mmNumber of PATA power connectors1Height150 mmSATA power cable length450,550,570,670,690 mmWeight1.83 kgPeripheral (Molex) power connectors (4-pin) *Packaging dataImage: Companity of the politic of the polit	Power protection features			-20 - 70 °C
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Number of SATA power connectors5Depth86 mmNumber of PATA power connectors1Height150 mmSATA power cable length450,550,570,670,690 mmWeight1.83 kgPeripheral (Molex) power connectors (4-pin) *1Packaging dataPeripheral (Molex) power cable length790 mmManual✓PCI Express power connectors (6+2 pin)2Manual languagesGerman, English, Spanish, French, Polish, RussianPCI Express power cable length65 cmPackage width195 mmPCI Express power cable length65 cmPackage depth268 mmCPU P4 connector (4-pin)1Package height97 mm	Motherboard power connector *	20+4 pin ATX	Weight & dimensions	
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Peripheral (Molex) power connectors (4-pin) * 1	Number of PATA power connectors	1	Height	150 mm
Connectors (4-pin) * Peripheral (Molex) power cable length	SATA power cable length	450,550,570,670,690 mm	Weight	1.83 kg
length PCI Express power cable		1	Packaging data	
PCI Express power cable length Package depth Package height Package height Package height Package height Package height	Peripheral (Molex) power cable	790 mm	Manual	
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	•		Manual languages	
CPU P4 connector (4-pin) 1 Package height 97 mm	pin)	2	Package width	195 mm
	PCI Express power cable length	65 cm	Package depth	268 mm
CPU power connector (4+4 pin) ✓ Package weight 2.2 kg	CPU P4 connector (4-pin)	1	Package height	97 mm
	CPU power connector (4+4 pin)	1	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			COMMISSION (FCC), ROMS, WELL
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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