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 Pount off switch 0 - 1800 RPM Hold time 17 ms Operating temperature (T-T) 0 - 1800 RPM Hold time 100 - 150 ms Operating temperature (T-T) 0 - 40 °C Power Good signal delay range 100 - 150 ms Operating temperature (T-T) 0 - 90% Motherboard power cable lengths 2044 pin ATX Weight & dimensions	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 diameter 12 cm Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Mox output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Max output current (+5Vs) 3.A Fan speed 0 - 1800 RPM Word trent (12V) 0.9 1 % Foresting temperature (T-T) 0 - 40 °C Word trent (12V) 0.9 1 % Operating temperature (T-T) 0 - 90 °C 0 - 70 °C	Power Factor Correction (PFC) type	Active	Bearing technology	Sleeve
Combined power (+5V) 120 W Country of origin (Australia), BSMI, CU (Russia) Combined power (+12V) 3.6 W Design Temany Max output current (+3vSb) 15 W Product colour Black Max output current (+12V) 45.83 A Product colour Active Max output current (+12V) 20 A Fan diameter 12 cm Max output current (+12V) 3.3 A Number of fans 1 fan(s) Max output current (+15Vsb) 3 A Fan speed 0 - 1800 RPM Moutput current (+5Vsb) 3 A Pounce of fans 1 fan(s) Max output current (+5Vsb) 3 A Pounce of fans 0 - 1800 RPM Moutput current (+5Vsb) 3 A Pounce of fans 0 - 1800 RPM Moutput current (+5Vsb) 3 A Pounce of fans 0 - 1800 RPM Moutput current (+5Vsb) 3 A Pounce fans speed 0 - 1800 RPM Wild there 100 - 150 ms Operating temperature (T-T) 0 - 40 °C Operating temperature (T-T) 20 - 70 °C 0 - 90% Wotherboard power connector *	Combined power (+3.3V)	120 W	Mean time between failures (MTBF)	
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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 Storage	•		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 connectors (4-pin) *Image: Companity of the connectors (4-pin) *PCI Express power connectors (6+2 pin)2Package width195 mmPCI Express power cable length65 cmPackage depth268 mmCPU P4 connector (4-pin)1Package height97 mm	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
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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), Norts, 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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