



Rebel P20 SFX

Even though it has a compact SFX form factor, the Rebel P20 SFX provides reliable performance for hardware systems that also have modern graphics cards thanks to its integrated 12V-2x6 connector. The Cybenetics Platinum-certified PSU is equipped with a quiet 92 mm fan with Zero RPM mode and can be installed exactly as needed thanks to its fully modular cable kit.

Features

■ PLATINUM-CERIFIED ENERGY EFFICIENCY

The Rebel P20 SFX has been awarded the Platinum certificate by the independent Cybenetics laboratory with an overall efficiency of at least 89 % at 115 V and 91 % at 230 V, as well as a 5 V_{SB} efficiency of 76 %.

■ COMPACT SIZE WITH HIGH PERFORMANCE

With its integrated 12V-2x6 connector, the Rebel P20 SFX provides reliable performance for hardware systems that also have modern, high-end graphics cards, despite its compact SFX form factor.

■ CERTIFIED LOW NOISE

The Rebel P20 SFX is equipped with a 92 mm fan that offers a certified low-noise operation. Thanks to the Zero RPM mode, the fan rotation is switched off completely for an almost silent operation at low to moderate loads. For hardware-friendly cooling, the fan delay mode allows the fan to continue running for up to 60 seconds after the PC system has been shut down.

■ MODULAR CABLING

The cable set supplied with the PSU is fully modular, and therefore only those cables are used that are really needed. Unused cables can be simply stored in the practical cable bag.

■ RELIABLE AND FLAWLESS OPERATION

To ensure a flawless operation, the Rebel P20 SFX is equipped with all-Japanese capacitors, stable LLC resonant converters and DC/DC technology.

■ ALL PROTECTION ON BOARD

Whether its over-current protection or over-power protection: The Rebel P20 SFX is equipped with all protective functions for a continuously safe operation.

Specifications

Product Name	Rebel P20 SFX
Certification	Cybenetics Platinum
Form Factor	SFX 12V V 4.1
Continuous Power	750 W, 850 W, 1000 W
ErP Compliant	✓
Technology	DC/DC
All Japanese Capacitors	✓
Zero RPM	✓
Fan Delay Mode	✓
MTBF	Min. 100,000 Hours
Operating Temperature	0 to +40 °C
Standby Power Consumption	Max. 0.25 W
Weight without Cables	1.0 kg
Dimensions (L x W x H)	100 x 125 x 63.5 mm
Housing Color	Black

Fan

Fan Size	92 mm
Bearing Type	Fluid Dynamic Bearing

Cable and Connectors

Cable Configuration	Fully Modular
Flat Cables	✓
Maximum Cable Length	78 cm
Length of Mainboard Cable	30 cm
Length of CPU Cable	42 cm
Length of 12V-2x6 Cable	42 cm
Length of PCIe Cable	42 cm + 15 cm
Cable Length to First Peripheral	32 cm
24-Pin Mainboard Connector	1
4+4-Pin CPU Connector	1
8-Pin CPU Connector	1
6+2-Pin PCIe Connector	2
12V-2x6 Connector	1
SATA Connector	8
IDE Connector	1

Package Contents

Rebel P20 SFX, Power Cord, Cable Bag, Set of Modular Cables, Mounting Screws, Cable Ties
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EAN Code

Rebel P20 SFX 750	4044951040650
Rebel P20 SFX 850	4044951040667
Rebel P20 SFX 1000	4044951040674



Input

Voltage	100 – 240 VAC
Frequency	50 – 60 Hz
Input Current (110/230 V)	Rebel P20 SFX 750: 10 / 6 A Rebel P20 SFX 850/ 1000: 12 / 6A

Safety Standards

CE, FCC, CB

Protections

OCP (Over-Current Protection)	✓
OVP (Over-Voltage Protection)	✓
UVP (Under-Voltage Protection)	✓
SCP (Short-Circuit Protection)	✓
OTP (Over-Temperature Protection)	✓
OPP (Over-Power Protection)	✓

Output

12 V Rail(s)	1
Load 3.3 V	20 A
Load 5 V	20 A
Max. Combined Power 3.3 V + 5 V	100 W
Load 12 V1	Rebel P20 SFX 750: 62.5 A Rebel P20 SFX 850: 70.8 A Rebel P20 SFX 1000 : 83.3 A
Max. Combined Power 12 V	Rebel P20 SFX 750: 750 W Rebel P20 SFX 850: 850 W Rebel P20 SFX 1000 : 1,000 W
Load 5 V _{SB}	3.0 A
Load -12 V	0.3 A
Load 12V-2x6	Rebel P20 SFX 750/ 850: 450 W Rebel P20 SFX 1000 : 600 W

