



Rebel P20

With full ATX 3.1 compatibility and an integrated 12V-2x6 connector, the Rebel P20 ensures reliable performance for hardware systems that are also equipped with modern graphics cards. With its fully modular cable set, the Cybenetics Gold-certified PSU can be installed neatly and tidily and runs especially quietly thanks to a 120 mm fan with Zero RPM mode.

Features

■ CERTIFIED EFFICIENCY

The Rebel P20 has been awarded the Gold certificate by the independent Cybenetics laboratory due to an overall efficiency of at least 87 % at 115 V and 89 % at 230 V, as well as a 5 V_{SB} efficiency of 75 %. The Rebel P20 models with 1,000 and 1,200 watts have even achieved a Platinum certification.

■ DESIGNED FOR MODERN GRAPHICS CARDS

With its ATX 3.1 compatibility and a 12V-2x6 connection, the Rebel P20 is perfectly designed for the high-performance operation of modern high-end graphics cards.

■ QUIET FAN WITH ZERO RPM MODE

The Rebel P20 comes with 120 mm fan that is low-noise certified and is provided with a Zero RPM mode. At low and moderate loads, this will switch off the fan rotation completely for an almost silent operation.

■ FULLY MODULAR CABLES

For more tidiness and better organization inside the PC case, the Rebel P20 is supplied with a fully modular cable set. This ensures that only the cables that are actually needed are connected to the PSU.

■ HIGH-QUALITY COMPONENTS

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

■ FULL PROTECTION

Whether its over-current protection or over-power protection: The Rebel P20 is equipped with all protective functions to ensure a continuously safe operation within the hardware system.

Specifications

Product Name	Rebel P20
Certification	Cybenetics Gold: Rebel P20 750, Rebel P20 850 Cybenetics Platinum: Rebel P20 1000, Rebel P20 1200
Form Factor	ATX 3.1
Continuous Power	750 W, 850 W, 1,000 W, 1,200 W
ErP Compliant	✓
Technology	DC/DC
All-Japanese Capacitors	✓
Zero RPM	✓
MTBF	Min. 100,000 Hours
Operating Temperature	0 to +40 °C
Standby Power Consumption	Max. 0.25 W
Weight without Cables	Rebel P20 750: 1.5 kg Rebel P20 850: 1.6 kg Rebel P20 1000: 1.7 kg Rebel P20 1200: 1.7 kg
Dimensions (L x W x H)	150 x 140 x 86 mm
Housing Color	Black

Fan

Fan Size	120 mm
Bearing Type	Fluid Dynamic Bearing

Cable and Connectors

Cable Configuration	Fully Modular
Flat Cables	✓
Maximum Cable Length	97 cm
Length of Mainboard Cable	60 cm
Length of CPU Cable	70 cm
Length of 12V-2x6 Cable	60 cm
Length of PCIe Cable	55 cm + 15 cm
Cable Length to First Peripheral	50 cm
24-Pin Mainboard Connector	1
4+4-Pin CPU Connector	2
6+2-Pin PCIe Connector	4
12V-2x6 Connector	1
SATA Connector	11
IDE Connector	1

Package Contents

Rebel P20, Power Cord, Set of Modular Cables, Mounting Screws

EAN Code

Rebel P20 750	4044951040612
Rebel P20 850	4044951040629
Rebel P20 1000	4044951040636
Rebel P20 1200	4044951040643



Input

Voltage	100 – 240 VAC
Frequency	50 – 60 Hz
Input Current (110/230 V)	Rebel P20 750: 9 / 4.5 A Rebel P20 850: 10 / 5 A Rebel P20 1000: 12 / 6 A Rebel P20 1200: 14 / 7 A

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 750: 62.5 A Rebel P20 850: 70.8 A Rebel P20 1000: 83.3 A Rebel P20 1200: 100 A
Max. Combined Power 12 V	Rebel P20 750: 750 W Rebel P20 850: 849.6 W Rebel P20 1000: 999.6 W Rebel P20 1200: 1,200 W
Load 5 V _{SB}	3.0 A
Load -12 V	0.3 A
Load 12V-2x6	Rebel P20 750: 450 W Rebel P20 850/ 1000/ 1200: 600 W

