

Rebel P20 Gen2

The Rebel P20 Gen2 from Sharkoon delivers a powerful and reliable power supply solution for modern gaming and high-performance systems. With ATX 3.1 compatibility, Cybenetics Gold certification, and fully modular cable management, the power supply ensures high efficiency as well as clean and flexible system integration. High-quality Japanese capacitors, a quiet fan with hybrid magnetic bearing, and comprehensive protection features ensure stable and safe operation.

Features

- **ATX 3.1 COMPATIBILITY WITH CYBENETICS GOLD CERTIFICATION**
  The Rebel P20 Gen2 complies with the latest ATX 3.1 standard and meets high demands for efficiency and stability. The Cybenetics Gold certification stands for efficient power delivery and supports reliable performance for modern PC systems.
- **FULLY MODULAR CABLE MANAGEMENT**
  With fully modular cable management, only the cables that are actually required are connected. The flexible cables allow for convenient installation and ensure a clean system layout as well as improved airflow inside the case.
- **HIGH-QUALITY JAPANESE CAPACITORS**
  Inside the Rebel P20 Gen2, only Japanese capacitors are used. These ensure particularly high reliability, stable voltage delivery, and a long service life of the power supply.
- **SUPPORT FOR MODERN GRAPHICS CARDS**
  With a native 12V-2×6 connector, the power supply is optimally prepared for current and upcoming generations of high-performance graphics cards and enables direct and stable power delivery to modern GPUs.
- **QUIET OPERATION WITH HYBRID MAGNETIC BEARING FAN**
  A 120 mm fan with hybrid magnetic bearing ensures efficient cooling with low operating noise. The integrated Zero RPM mode completely switches off the fan at low load, enabling near-silent operation.
- **COMPREHENSIVE PROTECTION FEATURES**
  Comprehensive, integrated protection features reliably protect the system from electrical risks and ensure safe operation of all installed components.

Specifications

Product Name	Rebel P20 Gen2
Certifications	Cybenetics Gold
Form Factor	ATX 3.1
Continuous Power	750 W / 850 W / 1,000 W
ErP Compliant	✓
Warranty	7 Years
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 Gen2 750: 1.264 kg Rebel P20 Gen2 850: 1.342 kg Rebel P20 Gen2 1000: 1.374 kg
Dimensions (L x W x H)	150 x 140 x 86 mm
Housing Color	Rebel P20 Gen2 750: Black Rebel P20 Gen2 850: Black, White Rebel P20 Gen2 1000: Black

Input

Voltage	100 - 240 VAC
Frequency	50 - 60 Hz
Input Current (110/230 V)	Rebel P20 Gen2 750: 9 A / 4.5 A Rebel P20 Gen2 850: 10 A / 5 A Rebel P20 Gen2 1000: 12 A / 6 A

Output

12 V Rail(s)	1
Load 3.3 V	18 A
Load 5 V	18 A
Max. Combined Power 3.3 V + 5 V	100 W
Load 12 V1	Rebel P20 Gen2 750: 62.5 A Rebel P20 Gen2 850: 70.8 A Rebel P20 Gen2 1000: 83.3 A
Max. Combined Power 12 V	Rebel P20 Gen2 750: 750 W Rebel P20 Gen2 850: 849.6 W Rebel P20 Gen2 1000: 999.6 W
Load 5 VSB	3 A
Load –12 V	0.3 A
Load 12V-2x6	600 W

Fan

Fan Size	120 mm
Bearing Type	Hybrid Magnetic Bearing

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)	✓

Cable and Connectors

Cable Configuration	Fully Modular
Flat Cables	✓
Maximum Cable Length	97 cm
Length of Motherboard Cable	60 cm
Length of CPU Cable	70 cm
Length of 12V-2x6 Cable	60 cm
Length of PCIe Cable	60 cm
Cable Length to First Peripheral	50 cm
24-Pin Motherboard Connector	1
4+4-Pin CPU Connector	2
6+2-Pin PCIe Connector	3
12V-2x6 Connector	1
SATA Connector	7
IDE Connector	1

Safety Standards

CE, FCC, CB

Package Contents

Rebel P20 Gen2, Power Cord, Set of modular cables, Mounting Screws

EAN Code

Rebel P20 Gen2 750	4044951045907
Rebel P20 Gen2 850 Black	4044951045914
Rebel P20 Gen2 850 White	4044951045921
Rebel P20 Gen2 1000	4044951045938



