

Antec

80 PLUS PLATINUM

ATX 3.1 READY

PCIe 5.1 READY

NeoECO

FULL MODULAR ATX 3.1 POWER SUPPLY

NE850 PLATINUM

Introducing the NeoECO Platinum ATX3.1 power supply, crafted to deliver exceptional performance and rock-solid stability for gamers and enthusiasts. Featuring next-generation ATX 3.1 and PCIe 5.1 support, high-quality Japanese capacitors, and 80 PLUS® Platinum efficiency, it ensures outstanding and consistent power delivery. The PhaseWave™ design provides smooth, reliable output, while the 120 mm FDB silent fan delivers efficient, quiet cooling. Its fully modular design allows for easy cable management, and the Zero RPM Manager intelligently controls fan operation, activating it only when needed to balance silent performance with optimal cooling. Backed by the CircuitShield™ suite of industrial-grade protections, the NeoECO Platinum ATX3.1 is a powerful, efficient, and dependable choice for modern PC builds.

JP Capacitors

Continuously Regulated

LLC

DC-DC

100% Efficiency

Zero RPM

10 YEARS WARRANTY

12V-2x6

PCI-E/CPU

NE850

▲ Braided Flat Cable

ATX 3.1 & PCIe 5.1 COMPATIBLE

Our new NeoECO Platinum ATX3.1 power supplies are formally certified for ATX 3.1 compliance, meeting the high standards for reliability and power efficiency, and ensuring the utmost level of quality and performance.

The included PCIe 5.1 12V-2x6 GPU cable enables seamless compatibility with the latest graphics cards.

JP Capacitors

HIGH-QUALITY JP CAPACITORS

Equipped with high-quality Japanese capacitors, our power supplies achieve unprecedented tight voltage regulation and minimal ripple and noise, maximizing your system's performance.

(Capacitors)

Japanese

LONGER LIFE

Conventional

(Life span)

LLC

DC-DC

PHASEWAVE™ DESIGN

Introducing our PhaseWave™ Design, a server-class LLC design featuring synchronous rectification based on a DC-DC topology. This design ensures unparalleled power delivery efficiency and stability for your system.

CircuitShield™

OC

OPP

UVP

SCP

OPP

OTP

SIP

NLO

The full suite of industrial-grade protections includes OCP, OVP, UVP, SCP, OPP, OTP, SIP, and NLO ensuring the safety and reliability of your power supply in any situation.

10 YEARS WARRANTY

10-YEAR WARRANTY

The new PSU line from Antec pushes the standard for excellence with the circuit shield suite of industrial protections and is backed by a 10-year warranty.

FAN FUNCTION

Fan Speed (RPM)

2000

1500

1000

500

0

0

85

170

255

340

425

510

595

680

765

850

Power Output (W)

HYBRID FAN

3 RPM

ZERO RPM MANAGER

With the Zero RPM fan mode, our PSU ensures a longer lifespan and quieter operation. The thermal sensors activate the fan only when necessary, providing optimal cooling while minimizing noise levels.

Fan

120MM FDB SILENT FAN

The whisper-quiet, 120mm fluid-dynamic bearing (FDB) fan provides high airflow with the durability and longevity that is a signature of Antec quality.

Fan

Fan

Fan

SYSTEM BUILD & CABLE MANAGEMENT

12V-2x6

PCI-E/CPU

SATA/Molex

10P M/B

18P M/B

NeoECO

ATX 3.1

PCIe 5.1

Antec

100% Efficiency

FULL MODULAR CABLE MANAGEMENT

Allows users to use only the necessary cables and eliminates excess cables that can obstruct and reduce airflow for improved cooling performance.

COMPACT SIZE

Compared to typical power supplies on the market, it is smaller in size and can be used with a wider range of computer cases.

150 mm

86 mm

140 mm

200 mm

30% LESS VOLUME

NeoECO

NE850 PLATINUM

CABLES

QTY	Cable Length	Cable Type	Connector(s) Per Cable
1	600 mm	24(20+4)pin M/B	1
1	650 mm	16(12+4)pin PCIe 5.1 12V-2x6 (600W)	1
2	675 mm	8(4+4)pin CPU	1
1	600 mm	8(6+2)pin PCI-E	2
1	600 mm	8(6+2)pin PCI-E	1
2	450 mm 120 mm 120 mm 120 mm	SATA Molex	SATA :3 Molex :1

CONNECTORS

<div>24-pin M/B Connectors</div> <div>x1</div>	<div>16-pin PCIe 5.1 12V-2x6</div> <div>x1</div>	<div>8(4+4)pin CPU Connectors</div> <div>x2</div>	<div>8(6+2)pin PCI-E Connectors</div> <div>x3</div>	<div>SATA Connectors</div> <div>x6</div>	<div>Molex Connectors</div> <div>x2</div>
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INPUT

100-240V~, 50Hz-60Hz, 10A-5A

OUTPUT

+3.3V	+5V	+12V	-12V	+5VSB
20A	20A	70.8A	0.3A	3.0A
120W		849.6W	3.6W	15W
850W				

SPECIFICATIONS

Model	NE850 PLATINUM ATX3.1
Safe Model	X8000A584EU-25
Type	ATX 12V 3.1
Dimension	140(L)*150(W)*86(H)
Modular	Full-Modular
Warranty	10 years
Input Voltage	100V-240V
Input Current	10A-5A
Input Frequency Range	50Hz-60Hz
PFC	Active PFC
Power Good Signal	100-150ms
Protection	OCP, OVP, UVP, SCP, OPP, OTP, SIP, NLO
Output Capacity	850W
Operation Temperature	0-40°C
Regulatory	cTUVus/TUV/CB/RCM/CE/FCC/BSMI/3C/UKCA/ICES
Fan	120mm FDB Silent Fan
Certifications	80 Plus Platinum
Connector	1 x 24(20+4)pin MB 1 x 16(12+4)pin PCIe 5.1 12V-2x6 2 x 8(4+4)pin CPU 3 x 8(6+2) Pin PCI-E 6 x SATA 2 x Molex
UPC#	0-761345-20203-9 NE850P AU 0-761345-20205-3 NE850P EC 0-761345-20206-0 NE850P GB 0-761345-20207-7 NE850P JP 0-761345-20208-4 NE850P US