

Seasonic VERTEX GX-850 power supply unit



Artikel
Herstellernummer
EAN
Seasonic

132765
VERTEX GX-850
4711173877707

80 PLUS GOLD

The Vertex GX Series achieves 80 PLUS Gold certification with its 90 % efficiency at 50 % system load.

ATX 3.0 AND 16-PIN PCIE GEN 5 CABLE (12VHPWR)

Seasonic's latest Vertex Series is designed and built to power new PC components requiring the new ATX 3.0 and PCIe 5.0 standards.

PREMIUM HYBRID FAN CONTROL

Seasonic's vast experience in designing the most silent and efficient power supplies on the market was translated into the development of Hybrid Mode; a state-of-the-art fan control that enables users to keep the overall fan noise at the lowest possible level.

FLUID DYNAMIC FAN BEARING

High performance Fluid Dynamic Bearing (FDB) fans are designed to take advantage of the impact absorbance effects of oil. They are extremely reliable and generate considerably less operating noise and heat than ball bearing fans. The lubrication of the bearing surface reduces friction and vibration and therefore lowers overall power consumption. Due to the effortless, quieter rotations and its robust construction, this reliable fan technology also greatly increases the lifespan of the fan.

HOW IT WORKS

When the fan shaft rotates, high pressure oil drifts along the grooves of the bearing sleeve to generate a thin layer of lubrication between the bearing faces. As the speed increases, so does dynamic oil pressure and the shaft is lifted from the bearing to create smooth, effortless rotations. The herringbone shape of the grooves helps to efficiently channel the lubricant and avert leakage.

Zusammenfassung

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Seasonic VERTEX GX-850, 850 W, 100 - 240 V, 50 - 60 Hz, 11 - 5.5 A, 125 W, 840 W

Seasonic VERTEX GX-850. Total power: 850 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 61 cm, SATA power cable length: 950 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 13.5 cm. Cables included: AC, CPU, PCIe, Peripheral (Molex), Peripheral (Molex) to SATA 3.3, SATA

Merkmale

Operational conditions		Design	
Operating temperature (T-T) 0 - 50 °C		Product colour	Black
		Cooling type	Active
		Fan diameter	13.5 cm
		Number of fans	1 fan(s)
		On/off switch	Yes
Packaging data		Performance	
Package type Box		80 PLUS certification	80 PLUS Gold
		Purpose	PC
		Power supply unit (PSU) form factor	ATX
Packaging content		ATX version	3.0
Cables included	AC, CPU, PCIe, Peripheral (Molex), Peripheral (Molex) to SATA 3.3, SATA	Bearing technology	FDB
Cable tie(s) included	Yes	Mean time between failures (MTBF)	150000 h
		Certification	cTUVus, TUV, CB, CCC, BSMI, EAC, CE, Energy Star, RoHS, WEEE, ErP Lot 6, REACH
Technical details		Ports & interfaces	
Sustainability certificates	CE, REACH, RoHS	Motherboard power connector	20+4 pin ATX
Warranty period	10 year(s)	Motherboard power cable length	61 cm
		Number of SATA power connectors	4
		SATA power cable length	950 mm
		Peripheral (Molex) power connectors (4-pin)	1
		Peripheral (Molex) power cable length	690 mm
		CPU P4 connector (4-pin)	2
		CPU power connector (4+4 pin)	Yes
		CPU power cable length	65 cm
		ATX power connector (20+4 pin)	Yes
		Cabling type	Modular
Weight & dimensions		Power	
Width	150 mm		
Depth	160 mm		
Height	86 mm		

Total power	850 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Input current	11 - 5.5 A
Combined power (+3.3V)	125 W
Combined power (+12V)	840 W
Combined power (+5V)	125 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V)	70 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Power protection features	Over current, Over power, Over voltage, Short circuit, Under voltage

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.