WPM Gold ZERO

The WPM Gold ZERO is a reliable power supply unit with modern LLC resonant converter technology. The PSU delivers optimal performance for gaming PCs and is certified as being energy efficient. In addition to this, low-noise operation is enhanced by the Zero RPM function which suspends fan rotation when no active cooling power is needed. The semi-modular design also ensures a tidy installation and appearance.

Features

EXCELLENTLY ENERGY EFFICIENT
The WPM Gold ZERO is certified 80 PLUS Gold, achieving at least 90 % efficiency at 50 % load as well 87 % efficiency at 20 % and 100 % load.

MODERN LLC TECHNOLOGY
The WPM Gold ZERO is equipped with state-of-the-art LLC resonant converter technology. This provides the power supply with a consistent and low-interference voltage. Noise and heat levels are minimized as far as possible.

ZERO RPM
The Zero RPM function disables the fan rotation of the power supply unit to provide a silent operation at low to medium loads. When the system again requires an active cooling, the fan rotation is automatically re-activated.

RYZEN READY AND SEMI-MODULAR
To keep the inside of the PC case neat and tidy, the cables can be installed according to individual requirements. Only the ATX cable and the 4+4-pin CPU cable, which are both always needed, are firmly attached to the power supply unit . Even power-hungry systems like RYZEN can be powered without an adapter thanks to the second 4+4-pin CPU cable. This uses one of the two PCIe / CPU sockets, which can also be used to power graphics cards.

Specifications

Housing Color	Black
Continuous Power	550 W, 650 W, 750 W
Form Factor	ATX 2.3
Haswell ready	✓
ErP Compliant	✓
Technology	LLC + DC/DC
ZERO RPM	✓
MTBF	Min. 100,000 Hours
Operating Temperature	0 °C - 40 °C
Standby Power Consumption	Max. 0.3 W
Weight incl. Cable	1.6 kg
Dimensions (L x W x H)	150 x 160 x 86 mm

Input

Voltage	100 - 240 VAC
Frequency	47 - 63 Hz
Input Current (115/230 V)	550 W: 8 A / 4 A 650 W: 10 A / 5 A 750 W: 10 A / 5 A

Output

12 V Rail(s)	1
Load 3.3 V / Load 5 V	550 W: 20 A / 20 A 650 W: 20 A / 20 A 750 W: 22 A / 22 A
Max. Combined Power 3.3 V + 5 V	550 W: 110 W 650 W: 110 W 750 W: 120 W
Load 12 V	550 W: 45 A 650 W: 53 A 750 W: 62 A
Max. Combined Power 12 V	550 W: 540 W 650 W: 636 W 750 W: 744 W
Load 5 V_{SB}	2.5 A
Load -12 V	0.3 A

Cable and Connectors

Cable Configuration	Semi-Modular
Flat Cables	✓
Maximum Cable Length	85 cm
Length of Mainboard Cable	55 cm
Length of CPU Cable	55 cm
Length of PCIe Cable	55 cm
Cable Length to First Peripheral	55 cm
24-Pin Mainboard Connector	1
4+4-Pin CPU Connector	2*
6+2-Pin PCIe Connector	4
SATA Connector	9
IDE Connector	3
Floppy Connector	1

* Either a second 4+4-pin CPU cable or an additional PCIe cable
 can be connected.

Fan

Fan Size	140 mm
Bearing Type	Sleeve Bearing

Safety Standards

CE, FCC, CB, UKCA, EAC

Protections

OVP (Over Voltage Protection)	✓
SCP (Short Circuit Protection)	✓
OPP (Over Power Protection)	✓

Package Contents

WPM Gold ZERO, Manual, Power Cord, Cable Bag, Set of Modular Cables, Mounting Screws

EAN Code

WPM Gold ZERO 550 W	4044951026548
WPM Gold ZERO 650 W	4044951026555
WPM Gold ZERO 750 W	4044951026562