

Zalman ZM500-LXII power supply unit 500 W 20+4 pin ATX ATX Black

Brand : Zalman

Product code: ZM500-LXII

Product name : ZM500-LXII

- Active PFC with up to 99% Maximum Power Factor
- 105°C Capacitor for stable power supply
- Built-in EMI Filter for Noise Reduction
- Switching transformer without overloading the input current
- Single Rail with 92% Efficiency
- Built-in Aluminum Heatsink
- ErP Lot 6 Certified

500 W, Active PFC, 100000 h, 50-60Hz, Intel ATX 12V, 150(L)x140(W)x86(H)mm

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Active PFC system with a maximum power factor of 99% providing consistent and stable outputs as well as high energy efficiency. High efficiency ensures safe, stable system operation with low component noise, less heat from parts,



Power		Ports & interfaces	
Total power *	500 W	ATX power connector (20+4 pin)	✓
AC input voltage *	200 - 240 V	PCI Express connector	✓
AC input frequency	50 - 60 Hz	Cabling type	Non-Modular
Input current	5 A	Performance	
Power factor	99	Purpose *	PC
Power Factor Correction (PFC) type	Active	Power supply unit (PSU) form factor *	ATX
Combined power (+3.3V)	110 W	Mean time between failures (MTBF)	100000 h
Combined power (+12V)	456 W	Design	
Combined power (+5V)	110 W	Product colour	Black
Combined power (-12V)	3.6 W	Cooling type	Active
Combined power (+5Vsb)	12.5 W	Fan diameter	12 cm
Max output current (+3.3V)	14 A	Number of fans	1 fan(s)
Max output current (+12V)	38 A	Fan location	Top
Max output current (+5V)	16 A	On/off switch	✓
Max output current (-12V)	0.3 A	Operational conditions	
Max output current (+5Vsb)	2.5 A	Operating temperature (T-T)	0 - 40 °C
Efficiency	85%	Storage temperature (T-T)	-20 - 70 °C
Power protection features	Over power, Over voltage, Overheating, Short circuit	Operating relative humidity (H-H)	5 - 95%
Ports & interfaces		Storage relative humidity (H-H)	5 - 95%
Motherboard power connector *	20+4 pin ATX	Packaging content	
Motherboard power cable length	50 cm	Cables included	AC, CPU, PCIe, Peripheral (Molex), SATA
Number of SATA power connectors	6	Certificates	
SATA power cable length	450 mm	Compliance certificates	RoHS
Peripheral (Molex) power connectors (4-pin) *	3	Certification	CB, CE, KC, CCC, RoHS
Peripheral (Molex) power cable length	450 mm		
EPS power connector (4+4 pin)	✓		

Ports & interfaces		Weight & dimensions	
PCI Express power connectors (6+2 pin)	2	Width	140 mm
PCI Express power cable length	50 cm	Depth	150 mm
CPU power connector (4+4 pin)	✓	Height	86 mm
CPU power cable length	60 cm	Weight	1.94 kg
Packaging data			
		Package width	180 mm
		Package depth	270 mm
		Package height	100 mm
		Package weight	1.98 kg
		Package type	Box



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