

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

Total power *	500 W
AC input voltage *	200 - 240 V
AC input frequency	50 - 60 Hz
Input current	5 A
Power factor	99
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	110 W
Combined power (+12V)	456 W
Combined power (+5V)	110 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	12.5 W
Max output current (+3.3V)	14 A
Max output current (+12V)	38 A
Max output current (+5V)	16 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	2.5 A
Efficiency	85%
Power protection features	Over power, Over voltage, Overheating, Short circuit

Ports & interfaces

Motherboard power connector *	20+4 pin ATX
Motherboard power cable length	50 cm
Number of SATA power connectors	6
SATA power cable length	450 mm
Peripheral (Molex) power connectors (4-pin) *	3
Peripheral (Molex) power cable length	450 mm
EPS power connector (4+4 pin)	✓

Ports & interfaces

ATX power connector (20+4 pin)	✓
PCI Express connector	✓
Cabling type	Non-Modular

Performance

Purpose *	PC
Power supply unit (PSU) form factor *	ATX
Mean time between failures (MTBF)	100000 h

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top
On/off switch	✓

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%

Packaging content

Cables included	AC, CPU, PCIe, Peripheral (Molex), SATA
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Certificates

Compliance certificates	RoHS
Certification	CB, CE, KC, CCC, RoHS

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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