

Zalman ZM-F1 PLUS(SF) computer cooling system Computer case Fan 8 cm Black

Brand : Zalman

Product code: ZM-F1 PLUS(SF)

Product name : ZM-F1 PLUS(SF)

80mm Ultra Quiet Fan, 2000rpm, 20 - 23dBA, 12V

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Long Life Bearing (EBR)

Long Life Bearing applied, minimizing noise and inflow of the dust For longer life cycle.

Shark fin blade design

Optimized for maximum airflow, Shark`s Fin blade greatly reduces the turbulence caused by fan rotation, thus decreasing the noise and vibration while increasing the airflow.

Minimized noise and vibration

Minimized noise and vibration through lowest rpm. Suitable for silent system environment.

Silicone pin provided

Silicone pin absorbs the vibration between the fan and the case allowing a quiet work environment.
Zalman ZM-F1 PLUS(SF). Type: Fan, Fan diameter: 8 cm, Rotational speed (max): 2000 RPM. Voltage: 12 V. Width: 80 mm, Depth: 80 mm, Height: 25 mm. Product colour: Black



Performance		Design	
Suitable location *	Computer case	Product colour *	Black
Type *	Fan	Material	Plastic
Fan diameter	8 cm	Number of fans	1 fan(s)
Supported processor sockets	Not supported	Power	
Compatible processor series	Not supported	Voltage	12 V
Rotational speed (max)	2000 RPM	Weight & dimensions	
Noise level (low speed)	20 dB	Width	80 mm
Noise level (high speed)	23 dB	Depth	80 mm
Mean time between failures (MTBF)	50000 h	Height	25 mm
		Weight	83 g
		Technical details	
		Bearing technology	Long Life Bearing



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