



**PWM**

# Silent 8/9/12

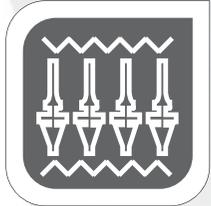
Low Speed Optimized Silent Fan

Extra Long Lifetime

Silent Operation

Rubber Fan Mounts

5 Years Warranty



[www.gelidsolutions.com](http://www.gelidsolutions.com)

## GELID Silent Series (80mm, 90mm & 120mm)

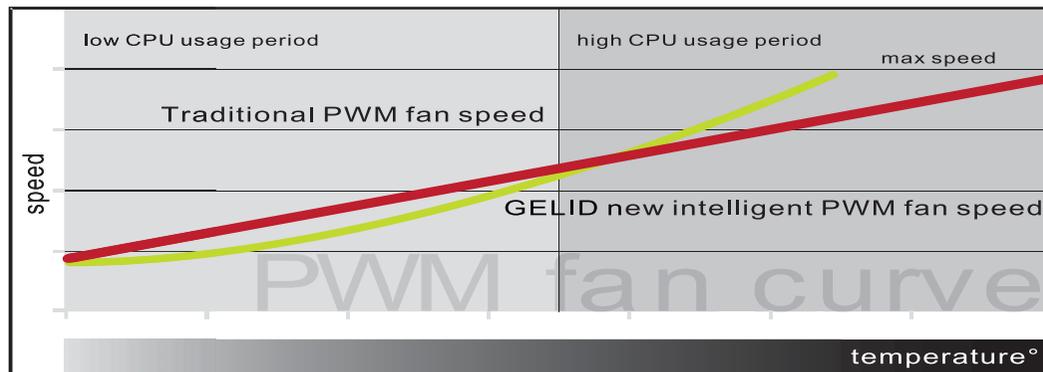
### Case Fans with Pulse Width Modulation (PWM) Control

Designed for advanced users GELID Silent PWM fans provide additional airflow by using Pulse Width Modulation to automatically adjust fan speed according to the CPU temperature. The fan can be idled down and thus be much quieter. A high quality IC has been integrated into the fan's PCB to exploit your mainboard's BIOS software. This technology is more efficient and convenient than using an external fan controller to adjust the voltage. Each fan impeller has been individually balanced using the latest technology to guarantee steady, unwavering operation. To add to the silence fan mounts replace traditional screws and are made of high quality, temperature resistant, extra long lasting rubber and stop vibrations from the fan motor from travelling into your PC case.

### FEATURES

Hydro Dynamic Bearing	Pulse Width Modulation (PWM)	High Airflow
Rubber Fan Mounts	Optimized Fan Blades	Silent Operation
Long Lifetime (50'000 h MTTF at 40°C)	High Static Pressure	5 Years Warranty

### GELID PWM FAN CURVE



### SPECIFICATIONS

	SILENT 8 PWM	SILENT 9 PWM	SILENT 12 PWM
Air Flow (CFM)	27	37.89	58
Bearing	Hydro Dynamic	Hydro Dynamic	Hydro Dynamic
Cable Length (mm)	500	500	500
Current (A)	0.13	0.18	0.18
Dimension (mm)	80 x 80 x 25	92 x 92 x 25	120 x 120 x 25
Fan Speed (RPM)	900 - 2000	900 - 2000	750 - 1500
Noise Level (dBA)	10 - 21.5	11 - 23.5	12 - 25.5
Static Pressure (mmAq)	1.65	2.0	1.6
Voltage (V)	12	12	12
Warranty (years)	5	5	5
Weight (g)	55	76	130
INCLUDED	4 Fan Mounts	4 Fan Mounts	4 Fan Mounts

GELID Solutions Ltd. is a Hong Kong based company with Swiss Management. GELID designs and manufactures thermal solutions, CPU coolers, fans, and other computer hardware for gamers and silent enthusiasts.

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