

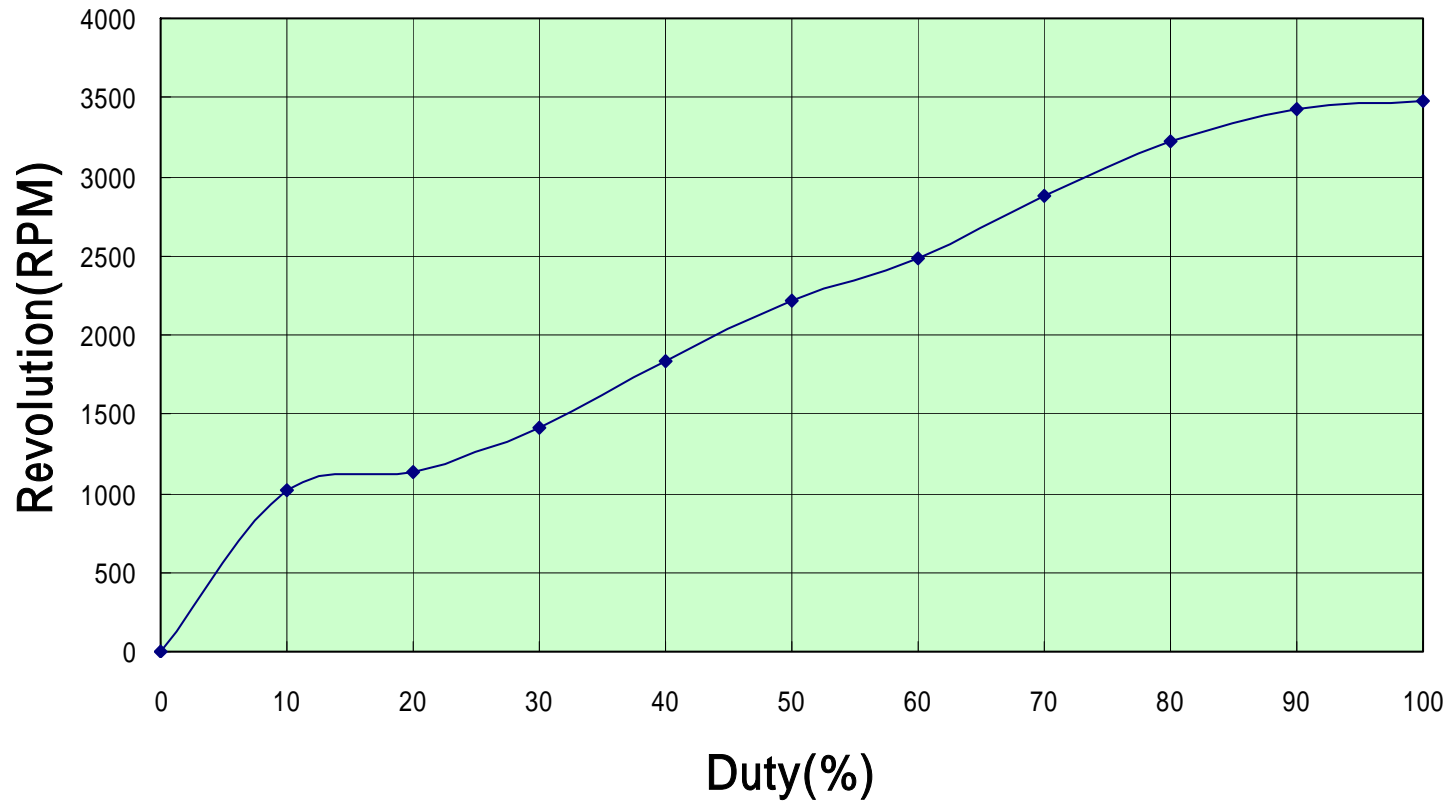
Aturbo Cooler

A CPU Cooler for Desktop PC



Specification	Aturbo	Aturbo LT
Model No.	TC014-06003	TC010-06003
Application	Intel Socket LGA 775 130W	Intel Socket LGA 775 100W
Cooling Method	Air Cooling	
Cooler Dimension	96x96x80.6mm	
Rated Voltage	12V	
Rated Current	0.24A	
Power Consumption	2.88W	
Heat Sink Dimension	95x95x46mm	
Heat Sink Material	AL 6063T5+Copper Core	AL 6063T5+AL Core
Fan Dimension	96x96x35mm	
Fan Bearing Type	VAPO Bearing	
Fan Speed	3500RPM max.	
Fan Air Flow	56 CFM@3500RPM	
Cooler Noise	39 dBA@3500RPM, 1M	
Connector	4 pins	
Cooler Weight	650g	535g
Life Expectation	30,000hrs	

Aturbo PWM Curve



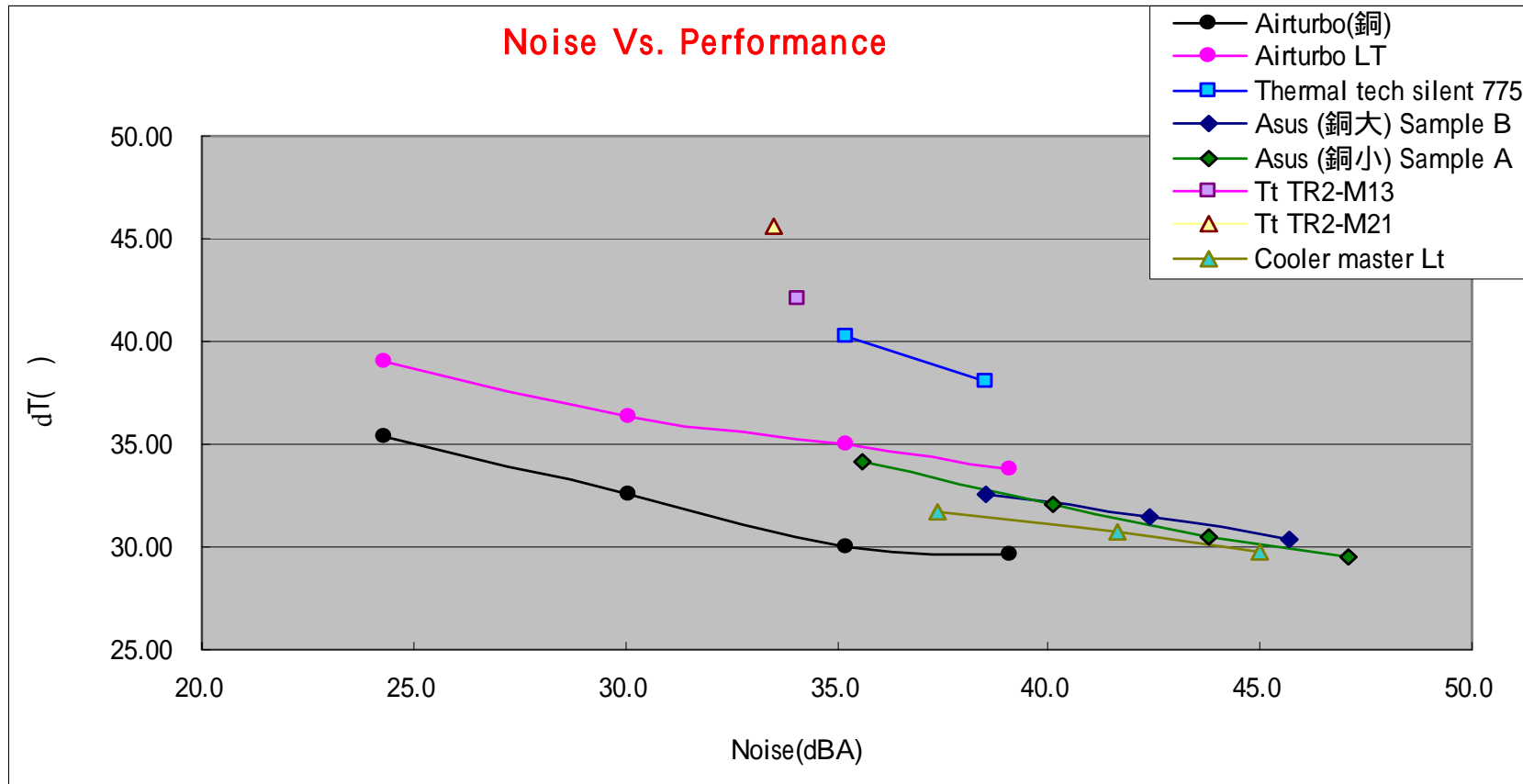
The Comparison of Competiter

Company	Cooler Size	Fan Size	Heat Sink Material
SUNON Aturbo	96x96x80.6mm	96x96x35mm	AL Fin+Copper Core
SUNON Aturbo LT	96x96x80.6mm	96x96x35mm	AL Fin+AL Core
ASUS #A	95x95x69mm	80x80x25mm	AL Fin+Copper Core
ASUS #B	113x113x69mm	80x80x25mm	AL Fin+Copper Core
Tt Silent 775	108x108x73mm	90x90x25mm	AL Fin+Copper Base+Heat pipe
Thermaltake TR2-M13	95x95x65mm	90x90x25mm	AL Fin+Copper Core
Thermaltake TR2-M21	95x95x78mm	92x92x38mm	AL Fin+Copper Core
Cooler Master LT	101.5x101.5x71mm	80x80x25mm	AL Fin+Copper Core



Real PC Test

CPU	Intel Pentium 4 660 3.6GHz, 800MHz FSB, Socket 775
MB	ASUS P5LD2 Intel 945P
Thermal Grease	Shin Etsu X23-7762
Software	3D Mark2006/CPU test



$dT = T_c - T_a$

Noise = 1m from fan of Cooler