



NEW PRODUCT SPEC SHEET

Model Number: G950 (Genius)

Design Scope:

- Recommended for CPU as following:
 - o Intel® Core™ i7, Socket LGA1366
 - o Intel® Core™ i5, Socket LGA1156
 - o Intel® Core™2 Quad, Socket LGA775
 - o AMD® Athlon™ X2 / FX, Phenom™ X4, Socket AM2 / AM2+ / AM3
- Quietly Active Desktop Cooler for Tower Case 4U & up (Min. Chassis Height 7")
- Powerfully Developed for Graphical / Gaming Motherboard



Overall Specification:

- Dimension: 124 x 120 x 148 mm (L x W x H)
- Weight: 795g
- Heat Sink Material: Aluminum Fin + (4x)Heat Pipes w/ *HTC Structure
- 12CM Plastic Fan with 4-Pin PWM Connector
- E-Z Push-Pin-Retention Set Installation for Multiple Sockets
- Thermal Compound: Syringe packed GE-Toshiba TIG830SP(Comparable to Shin-Etsu G751)
- Powerfully Support CPU up to 150Watts
- Smart Heat Pipes Oriented Against Gravity

Fan Specification:

- Dimension: 120 x 120 x 25 mm
- Sleeve Bearing (2xBall Optional)
- Rated Voltage: 12V
- Rated Speed:
 - o At Duty Cycle 0~20%: 1000 RPM
 - o At Duty Cycle 50%: 1300 RPM
 - o At Duty Cycle 100%: 1600 RPM

- Rated Input Power:
 - o At Duty Cycle 0~20%: 0.6 W
 - o At Duty Cycle 50%: 1.20 W
 - o At Duty Cycle 100%: 5.4 W
- Rated Airflow:
 - o At Duty Cycle 0~20%: 42.5 CFM
 - o At Duty Cycle 50%: 55.2 CFM
 - o At Duty Cycle 100%: 68.0 CFM
- Rated Static Pressure:
 - o At Duty Cycle 0~20%: 0.539mm-H₂O
 - o At Duty Cycle 50%: 0.91mm-H₂O
 - o At Duty Cycle 100%: 1.379mm-H₂O
- Rated Acoustical Noise:
 - o At Duty Cycle 0~20%: 19.1 dBA
 - o At Duty Cycle 50%: 23.8 dBA
 - o At Duty Cycle 100%: 26.0 dBA
- Lead Wire Pin Out:
 - o Pin#1-Black(-)
 - o Pin#2- Yellow(+)
 - o Pin#3- Green(Tachometer/ Signal Output)
 - o Pin#4- Blue (PWM)

Performance Chart, G950 Thermal Resistance & Noise VS. Cooling Fan Speed

