



# DYNATRON CORPORATION

## NEW PRODUCT SPEC SHEET

### Part Number: P785

- For Intel Socket 775 Core 2 Extreme X6800, Core 2 Duo E6000 Sequence, Pentium D 800 Sequence, Pentium 4 and Xeon 3000 Sequence.
- Active cooler for 2U Server & Up.
- Aluminum Radial Fin Heatsink with Copper Core Inserted
- RoHS compliant.

### Overall Specification:

- Dimension: 110.6mm x 110.6mm x 61.8mm
- Weight: 470g  $\pm$  5g
- Material: Aluminum fin with Copper Core inserted
- Screw-on retention
- Backplate included.
- Thermal Resistance: 0.240 C/W



### Fan Specification:

- Dimension: 77.0mm x 77.0mm x 20.0mm
- Rated Speed:
  - At Duty Cycle 0%: 1000 $\pm$  10%RPM
  - At Duty Cycle 20%: 1000 $\pm$  10%RPM
  - At Duty Cycle 100%: 5500 $\pm$  10%RPM
- Bearing: 2X Ball
- Rated Voltage: 12V
- Power:
  - At Duty Cycle 0%: 0.54W
  - At Duty Cycle 20%: 0.54W
  - At Duty Cycle 100%: 9W

- Maximum Airflow:
  - At Duty Cycle 0%: 8.36 cfm
  - At Duty Cycle 20%: 8.36 cfm
  - At Duty Cycle 100%: 53.90 cfm
  
- Acoustical Noise:
  - At Duty Cycle 0%: 20.6 dBA
  - At Duty Cycle 20%: 20.6 dBA
  - At Duty Cycle 100%: 51.4dBA
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- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green( Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)