



## ***NEW PRODUCT SPEC SHEET***

# **Model Number: R25**

- Intel® Core™ X-series Processors, Socket FCLGA 2066 ; products formerly Cascade Lake; Intel® Xeon® Processor E7 v4 Family, Socket FCLGA 2011; products formerly Broadwell; Intel® Xeon® Processor E5 v4 Family, Socket FCLGA 2011; products formerly Haswell
- For Narrow ILM only
- Active Cooler by Side-Blowing Cooling for 1U Server and up

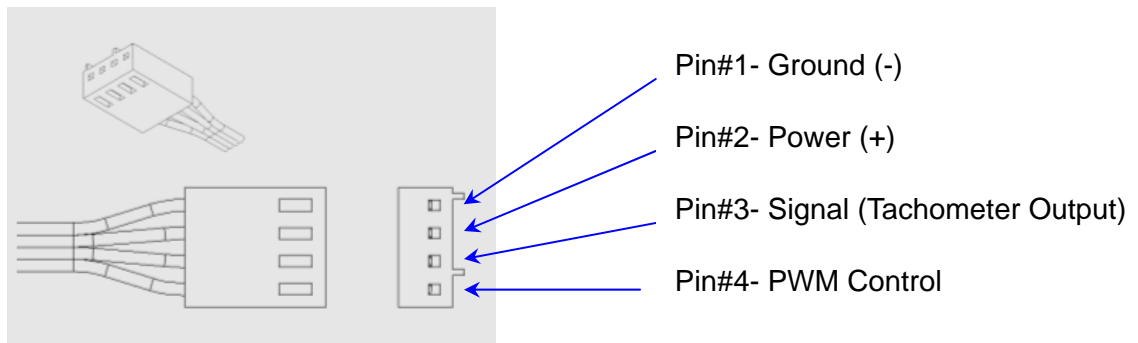
### **Overall Specification:**

- Dimension: 106.0 x 84.0 x 28.5mm
- Weight: 450g ± 5g
- Material: Copper Vapor Chamber Base with Copper Stacked Fins
- Fin Direction Paralleled to System Airflow
- Alloy Frame Blower with PWM function
- Convenient Heat Sink Captive Mounting
- Shin-Etsu G751 Thermal Grease Pre-Printed
- Support CPU Power up to 165 Watts Heat Dissipation

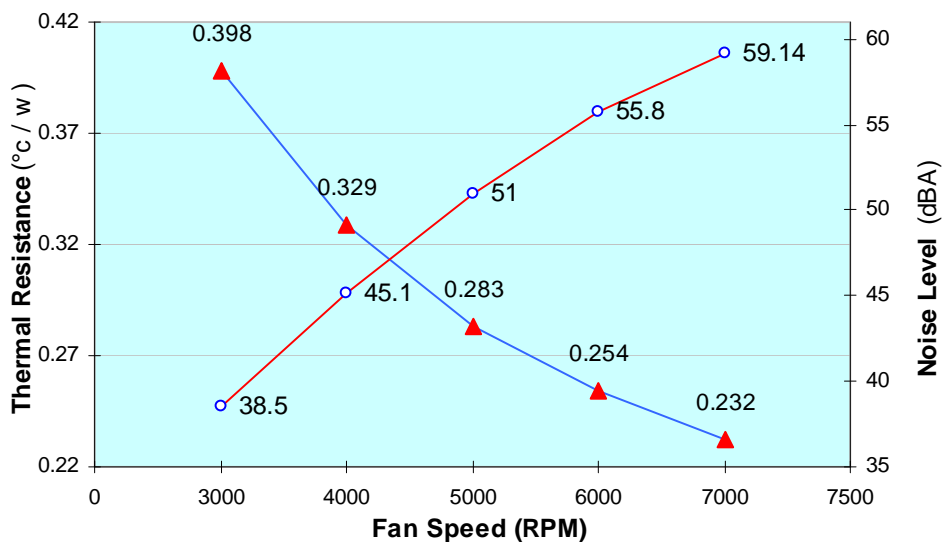
### **Blower Specification:**

- Model Number: DB128015BU-PWVG
- Dimension: Ø80 x 15 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 1000±200 RPM
  - At Duty Cycle 50%: 3500±10% RPM
  - At Duty Cycle 100%: 7000 RPM Min
- Rated Input Power:
  - At Duty Cycle 0~20%: 0.60W
  - At Duty Cycle 50%: 3.84W
  - At Duty Cycle 100%: 19.2W

- Rated Airflow:
  - At Duty Cycle 0~20%: 6.5 CFM
  - At Duty Cycle 50%: 11.2 CFM
  - At Duty Cycle 100%: 22.28 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 2.27 mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 18.56 mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 74.18 mm-H<sub>2</sub>O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 21.5 dBA
  - At Duty Cycle 50%: 43.0 dBA
  - At Duty Cycle 100%: 59.14 dBA
- Lead Wire Pin Out Diagram :



### Active Cooler R25 Cooling Performance VS. Airflow & Acoustical Level:





# Certificate of Environment Protection

## 環保證明書

Document Number: RH-R25-R0

<b>Customer:</b> 客戶名稱:	<b>Company:</b> _____ <b>Address:</b> _____ <b>Phone Number:</b> _____ - _____ - _____
<b>Issue Date:</b> 發行日期:	04/23/2013
<b>Product Model Number:</b> 產品號碼:	R25

**Dynatron Corporation / Dynaeon Industrial Co., Ltd** certify that all products and components (which include appendages and packing materials) and restricts to confirm the specifications in the RoHS, WEEE, and Environment Standard, and promise to comply with this Certificate.

**Dynatron Corporation / 政久興業股份有限公司**證明所有產品,零件 (包括附屬品,包裝類) 之環境管理物質完全符合 RoHS, WEEE, 及該環保標準之規定, 並承諾遵循以上之證明.

**Dynatron Corporation / Dynaeon Industrial Co., Ltd.**

Title (職務): ASSISTANT-MANAGER / 副理

Signature (簽字):  

Date: 04 / 23 / 2013

**GPWV2.E157868**  
**Fans, Electric - Component**

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**Fans, Electric - Component**

[See General Information for Fans, Electric - Component](#)

**DYNAEON INDUSTRIAL CO LTD**

E157868

8TH FL 35 LANE 221 GANGCIAN RD  
 NEIHU DIST  
 TAIPEI, 114 TAIWAN

**DC fans**, Models D(F)1206(Z)(Y1)(X1), D(F)1207(Z)(Y1)(X1), where (F) may be F or C, (Z) may be SH, BH, BA, SM, BM, BB, SL, BL, BC, SD, BE, BF, SG, BI, BJ, SK, BN, BO, SP, BQ, BR, SS, BT, BU, SV, BW, BX, SY, BY or BZ, (Y1) may be "-", 0 through 9 or A through Z, (X1) may be 0 through 9 or A through Z.

Models DF248015(S)(X)(Y)(Z)(W), DF488015(S)(X)(Y)(Z)(W), where (S) may be S, B or P, (X) may be U, H, M or L, (Y) and (Z) may be any alphanumeric character, blank, "-" or any symbol, (W) may be seven any alphanumeric character, blank, "-" or any symbol.

Models DF121225(A)(B)(C), DF121225(A)E(C), DF241225(A)(B)(C), DF128015(A)U(C), DF128015(A)(B)(C), DF128025(A)U(C), DF128025(A)(B)(C), DF128025(A)E(C), DF248025(A)U(C), DF248025(A)(B)(C), DF129225(A)(B)(C), DF129225(A)E(C), DF249225(A)U(C), DF249225(A)(B)(C), DF126010(A)(B)(C), DF246025(A)U(C), DF246025(A)(B)(C), DF126025(A)U(C), DF126025(A)(B)(C), DF126025(A)E(C), DB126015BU(C), DB126015B(B)(C), DF123010(A)(B)(C), DF053010(A)(B)(C), DF127015(A)U(C), DF127015(A)(B)(C), DF245010(A)(B)(C), where (A) may be S, B, P or Q, (B) may be H, M or L, (C) may be xxxxxxxx, where x may be A through Z, 0 through 9, "-" or blank.

Models DF122510(X)(Y2)(Z)-(M), DF124020(X)(Y2)(Z)-(M), DF244020(X)(Y1)(Z)-(M), DF126025(X)(Y3)(Z)-(M), DF246025(X)(Y3)(Z)-(M), DF121225(X)(Y1)(Z)-(M), DF124028(X)(Y3)(Z)-(M), where (X) may be S, B, P, Q, (Y1) may be H, M or L, (Y2) may be U, H, M or L, (Y3) may be U, H, M, L or E, (Z) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank, (M) may be A or B.

Models DF054010(X)(Y2)(Z1)(Z2)-A, DF054010(X)L(Z1)(Z2)-B, DF124010(X)(Y2)(Z1)(Z2)-A, DF124010(X)L(Z1)(Z2)-B, DF244010(X)(Y2)(Z1)(Z2)-A, DF125015(X)(Y1)(Z1)(Z2)-A, DF125020(X)(Y3)(Z1)(Z2)-A, DF126015(X)(Y1)(Z1)(Z2)-A, DF246015(X)M(Z1)(Z2)-A, DF246015(X)L(Z1)(Z2)-A, DF128020(X)(Y1)(Z1)(Z2)-A, DF128020(X)L(Z1)(Z2)-B, DB127015(X)(Y2)(Z)-A series, where (X) may be S, B, P, Q, (Y1) may be H, M or L, (Y2) may be U, H, M or L, (Y3) may be H, M, L or E, (Z1) may be blank or 3, (Z2) is alphanumeric combination of four digits and/or alphabets, may be A through Z, 0 through 9 or blank, (Z) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank.

Models DF125010(X)(Y)(Z)-A, DF126020(X)(Y)(Z)-A, DF246020(X)(Y)(Z)-A, DF121525(X)(Y1)(Z)-A, DF121525(X)(Y2)(Z)-B series, Where (X) may be S, B, P or Q, (Y) may be H, M or L, (Y1) may be U, H or M, (Y2) may be L or E, (Z) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank.

Models DF128025(X)(a)(Y)-A, DF121225(X)(b)(Y)-C, DF121225(X)E(Y)-C, DF127720(X)(a)(Y)-A, DF121425(X)(c)(Y)-A, DF126010(X)E(Y)-A series, where (X) may be S, B, P, Q, (a) may be H, M, L or E, (b) may be M or L, (c) may be U, H, M, L or E, (Y) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank.

Models DF054010(X)(Y1)(Z1)(Z2)-C, DF124010(X)(Y2)(Z1)(Z2)-C, DF244010(X)(Y2)(Z1)(Z2)-C, DF124020BU(Z1)(Z2)-C, DF124020(X)(Y1)(Z1)(Z2)-C, DF124028BU(Z1)(Z2)-C, DF124028(X)(Y1)(Z1)(Z2)-C, DF126025BU(Z1)(Z2)-C, DF126025(X)(Y1)(Z1)(Z2)-C, DF127015BU(Z1)(Z2)-A, DF127015(X)(Y1)(Z1)(Z2)-A, DF128025BU(Z1)(Z2)-B, DF128025(X)(Y1)(Z1)(Z2)-B, DF129225BU(Z1)(Z2)-A, DF129225(X)(Y1)(Z1)(Z2)-A, DF121225BU(Z1)(Z2)-D, DF121225(X)(Y1)(Z1)(Z2)-

D, DF121425(X)(Y1)(Z1)(Z2)-B, DB127015BU(Z1)(Z2)-B, DB127015(X)(Y1)(Z1)(Z2)-B, DB058015(X)(Y3)(Z1)(Z2)-A, where (X) may be S, B, P or Q, where (Y1) may be H, M, L or E, where (Y2) may be U, H, M, L or E, where (Y3) may be M or L, where (Z1) may be blank or 3, where (Z2) may be is alphanumeric combination of four digits and/or alphabets, may be A through Z, 0 through 9 or blank.

Models DB128015(X)(Y1)-(Z)-A, DF128038(X)(Y1)-(Z)-A, DB121225(X)(Y2)-(Z)-A, DF054010(X)(Y2)-(Z)-D, DF124010(X)(Y3)-(Z)-D, DF244010(X)(Y4)-(Z)-D, DF125010(X)(Y2)-(Z)-B, DF126010(X)(Y5)-(Z)-B series, where (X) may be S, B, P, Q, (Y1) may be U, H, M, L or E, (Y2) may be H, M or L, (Y3) may be U, M, L or E, (Y4) may be U, H, M or L, (Y5) may be H, M, L or E, (Z) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank.

Series 7515: Models DB127515(X)U-ZZZZZ-(A), DB127515(X)H-ZZZZZ-(A), DB127515(X)M-ZZZZZ-(A), DB127515(X)L-ZZZZZ-(A).

Series 9225: Models DF129225(X)U-ZZZZZ-(A), DF129225(X)H-ZZZZZ-(A), DF129225(X)M-ZZZZZ-(A), DF129225(X)L-ZZZZZ-(A).

Models DB128015(X)(Y)-(Z)-B and DF126028(X)(W)-(Z)-A series, where (X) may be S, B, P or Q; (Y) may be U, H, M or L; (W) may be U, H, M, L or E; (Z) stands for five variables, each may be A through Z, 0 through 9 or blank.

Model DF124028(X)(Y)-(Z)-D, where (X) may be S, B, P or Q; (Y) may be U, H, M, L, E; (Z) is alphanumeric combination of five digits and/or alphabets, may be A through Z, 0 through 9 or blank.

**Electric fans**, Models DC0504, -1204, -1205, -1206, DF1204, -1208, -2408, -0504, -0505, -1205, -2406 followed by "S" or "B", followed by two alphanumeric characters.

**Low voltage fans**, Models DB1206, DF1209, -1212, -2409, DH1204 followed by B or S, followed by two alphanumeric characters.



Marking: Company name or trademark ~~TOP MOTOR~~ and model designation.

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