

Intel® Whitley 2U FAN Thermal Module

產品名稱 Product Name	Intel® Whitley 2U FAN Thermal Module
產品型號 Product Model	LGA4189-M82
應用市場 Application	Server
晶片平臺 CPU(Chip) Platform	Intel® Whitley LGA 4189 2U
測試環境 Test Condition	Ambient Temp (°C): 25±1°C Ambient Humidity (RH): 53% Flow (CFM): 25 ~ 47.2CFM Heatsink Grease: X-23-7762
外形尺寸 (mm) Volumetric	L113 * W80 * H66.3 (mm)
產品重量(g) Product Weight	510±10g
安裝方式 Mounting Type	Anti-Tilt
工藝類別 Technical Process	Full Al-Extrusion
方案描述 Design Description	Al 6063+5PIPE Fin : T0.40mm, P1.73mm
風扇規格 DC FAN	Rated Voltage: DC 12V Rated Current: 0.82A Rated Speed: 8000±10%RPM



■ Thermal Performance

Item	Air Flow (CFM)	ΔP (mm-Aq)	Tc(°C)	Ta (°C)	ΔT (°C)	Power(w)	Rca(°C/W)
1	25	1.18	78.50	25.30	53.20	300.000	0.1773
	30	1.69	71.90	25.10	46.80	300.000	0.1560
	35	2.23	68.30	25.20	43.10	300.000	0.1437
	40	2.89	65.10	25.40	39.70	300.000	0.1323
	47.2	3.99	63.00	25.30	37.70	300.000	0.1257