# Power Supply / Peripherals

***Peripherals***

***w w w . i ei w or l d .c om***



**CPU Cooler *High performance thermal solutions***

Choosing the wrong CPU cooler for a system can lead to serious overheating, resulting in system shutdown and potential damage to CPUs.

For industrial applications, the following CPU coolers fit the needs of various operating environments, where different levels

of cooling are required.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | IEI Special Desktop Core™ CPU Cooler | | | | |
|  |  |  |  |  |  |
| **Where Used** | **For spacial models: SPCIE-C2260, PCIE-Q870, PCIE-H810, WSB-H810, KINO-AQ870** | | | | |
| **Model Name** | **CF-1150SA-R10** | **CF-1150SB-R11** | **CF-1150SC-R20** | **CF-1150SE-R11** | **CF-1150SF-R10** |
| **Description** | IEI customized cooler for LGA1150 Intel® CPU, RoHS | | IEI customized cooler for LGA1150 Intel® CPU, 1U  chassis compatible, RoHS | IEI customized cooler for LGA1150 Intel® CPU, RoHS | IEI customized cooler for LGA1150 Intel® CPU, RoHS |
| **CPU Solution** | Intel® Core™ i7/i5 | Intel® Core™ i7/i5 | Intel® Core™ i7/i5 | Intel® Core™ i7/i5 | Intel® Core™ i7/i5 |
| **Socket Solution** | LGA1150/LGA1151 | LGA1150/LGA1151 | LGA1150/LGA1151 | LGA1150/LGA1151 | LGA1150/LGA1151 |
| **Dimensions (mm)** | 83 x 83 x 57 | 96 x 82 x 60 | 105 x 80 x 23.7 | 107 x 70 x 60 | 107 x 70 x 35 |
| **Material** | Al | Al | Cu | Cu | Al |
| **Bearing Type** | Ball And sleeve | Two-ball | Two-ball | Two-ball | Two-ball |
| **Capability (Watt)** | 95 W | 65 W | 65 W | 95 W | 54 W |
| **Fan Speed (RPM)** | 4200 | 3500 | 5500 | 4200 | 4500 |
| **Noise Level (dBA)** | 40 | 41 | 55 | 36 | 39 |
| **Life Expectancy (hrs)** | 40,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| **Weight** | 330 g | 286 g | 406 g | 812 g | 220 g |

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|  | Intel® Standard Desktop Core™ CPU Cooler | | | | |
|  |  |  | |  |  |
|  | **LGA115X (LGA1150/LGA1151/LGA1155/LGA1156)** | | | | |
| **Model Name** | CF-115XA-R10 | CF-115XC-R10 | CF-115XD-R10 | CF-115XE-R10 | CF-115XF-R10 |
| **Description** | High performance LGA1155/ LGA1156 cooler kit, 1U chassis compatible | Low power LGA1155/LGA1156 cooler Kit, RoHS | | High performance LGA1155/ LGA1156 CPU cooler, RoHS | High performance LGA1155/ LGA1156 CPU cooler, RoHS |
| **CPU Solution** | Intel® Core™ i5/i3 | Intel® Core™ i5/i3 | Intel® Core™ i7/i5/i3 | Intel® Xeon®/Core™ i7/i5/i3 | Intel® Xeon®/Core™ i7/i5/i3 |
| **Socket Solution** | LGA115X (LGA1150/LGA1151/LGA1155/LGA1156) | | | | |
| **Dimensions (mm)** | 89 x 92.6 x 27.4 | 94.34\*94.34\*43.4 | 94.34\*94.34\*43.4 | 91 x 91 x 84 | 90 x 90 x 69.3 |
| **Material** | Cu | Al | Cu+Al | AI | Al |
| **Bearing Type** | Two-ball | Two Ball | Two Ball | Ball and Sleeve | Two Ball |
| **Capability (Watt)** | 73 W | 45W | 65W | 95 W | 95 W |
| **Fan Speed (RPM)** | 5500 | 3600 | 3600 | 4200 | 4200 |
| **Noise Level (dBA)** | 51 | 40 | 40 | 40 | 48 |
| **Life Expectancy (hrs)** | 50,000 | 70000 | 70000 | 40,000 | 50,000 |
| **Weight** | 422 g | 226g | 260g | 301 g | 432 |

# Power Supply / Peripherals

***Peripherals - Industrial Flash Module***

***w w w . i ei w or l d .c om***

**CPU Cooler *High performance thermal solutions***

Choosing the wrong CPU cooler for a system can lead to serious overheating, resulting in system shutdown and potential damage to CPUs.

For industrial applications, the following CPU coolers fit the needs of various operating environments, where different levels

of cooling are required.

|  |  |  |
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|  | Desktop CPU Cooler | |
|  |  |  |
|  | **LGA775 Cooler** | |
| **Model Name** | **CF-775B-RS-R11** | **CF-520-RS-R11** |
| **Description** | High performance 1U LGA 775 CPU cooler, with 7010 fan, RoHS | High performance LGA 775 CPU cooler, RoHS |
| **CPU Solution** | Intel® Core™2 Duo | Intel® Core™2 Duo |
| **Socket Solution** | LGA 775 | LGA 775 |
| **Dimensions (mm)** | 80.5 x 81 x 28.2 | 115 x 115 x 67 |
| **Material** | Cu | Aluminum alloy |
| **Bearing Type** | Two-ball | Two-ball |
| **Capability (Watt)** | 90 W | 115 W |
| **Fan Speed (RPM)** | 4250 | 4500 |
| **Noise Level (dBA)** | 40 | 47.5~51.5 |
| **Life Expectancy (hrs)** | 50,000 | 70,000 |
| **Weight** | 600 g | 635 g |

|  |  |  |  |
| --- | --- | --- | --- |
|  | CPU Cooler | Mobile Core™ i7 CPU Cooler | |
|  |  |  |  |
|  | **Blower** | **PGA989** | |
| **Model Name** | **BF-02-RS** | **CF-989A-RS-R12** | **CF-989B-RS-R11** |
| **Description** | Bracket cooling fan, RoHS | High performance Socket-G (PGA989) smart fan CPU cooler, RoHS | High performance Socket-G (PGA989) CPU cooler, aluminum, RoHS |
| **CPU Solution** | Breaket cooling fan | Intel® Core™ i7/i5/i3 | Intel® Core™ i7/i5/i3 |
| **Socket Solution** |  | PGA989 | PGA989 |
| **Dimensions (mm)** | 112 x 90 x 21 | 60 x 60 x 27.5 | 60 x 60 x 27.5 |
| **Material** | Plastic | Cu | Al |
| **Bearing Type** | One-ball | Two-ball | Two-ball |
| **Capability (Watt)** |  | 55 W | 50 W |
| **Fan Speed (RPM)** | 2800 | 4800 | 4800 |
| **Noise Level (dBA)** | 28 | 40 | 40 |
| **Life Expectancy (hrs)** | 45,000 | 50,000 | 50,000 |
| **Weight** | 107.5 g | 255 g | 26 g |