

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.



| Model Name | 19100-000319-00-RS | 19100-000323-00-RS | 19100-000326-00-RS |
|-----------------------|--------------------------------|-----------------------------|-----------------------------|
| Description | FOR Intel LGA LGA1700 1U ,RoHS | FOR Intel LGA LGA1700 ,RoHS | FOR Intel LGA LGA1700 ,RoHS |
| CPU Solution | Core™ i9/i7/i5/i3 | Core™ i9/i7/i5/i3 | Core™ i9 /i7/i5/i3 |
| Socket Solution | LGA1700 | LGA1700 | LGA1700 |
| Dimensions (mm) | 95 x 90 x 27.45 | 72 x 70 x 25.5 | 87.8 x 66.5 x 75 |
| Material | AL | CU | CU+AL |
| Bearing Type | Two-Ball | Ball And Sleeve | Two-Ball |
| Capability (Watt) | 65W | 65W | 125W |
| Fan Speed (RPM) | 7000 | 4500 | 9000 |
| Noise Level (dBA) | 59 | 42 | 54 |
| Life Expectancy (hrs) | 50,000 | 40,000 | 50,000 |
| Temperature | -10°C~65°C | -10°C~70°C | -10°C~70°C |
| Weight | 450g | 490g | 411g |







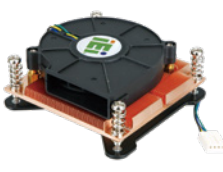




| Model Name | 19100-000327-00-RS | 19100-000328-00-RS | 19100-000333-00-RS |
|-----------------------|-----------------------------|-----------------------------|-----------------------------|
| Description | FOR Intel LGA LGA1700 ,RoHS | FOR Intel LGA LGA1700 ,RoHS | FOR Intel LGA LGA1700 ,RoHS |
| CPU Solution | Core™ i9/i7/i5/i3 | Core™ i9/i7/i5/i3 | Core™ i9/i7/i5/i3 |
| Socket Solution | LGA1700 | LGA1700 | LGA1700 |
| Dimensions (mm) | 96.5 x 91.4 x 119.5 | 105 x 92.5 x 125.8 | 72 x 48.5 x 73.5 |
| Material | CU+AL | CU+AL | CU+AL |
| Bearing Type | Two-Ball | Two-Ball | Ball And Sleeve |
| Capability (Watt) | 125W | 125W | 80W |
| Fan Speed (RPM) | 3600 | 3800 | 4900 |
| Noise Level (dBA) | 44 | 44 | 36 |
| Life Expectancy (hrs) | 70,000 | 70,000 | 40,000 |
| Temperature | -10°C~70°C | -10°C~70°C | -10°C~70°C |
| Weight | 890g | 657g | 456g |

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| IEI Special Desktop Core™ CPU Cooler | | | | |
|--------------------------------------|---|---|--|---|
| |  |  |  |  |
| Where Used | For special models: SPCIE-C2260, PCIE-Q870, PCIE-H810, WSB-H810, KINO-AQ870 | | | |
| Model Name | CF-1150SA-R10 | CF-1150SB-R11 | CF-1150SC-R30 | CF-1150SE-R11 |
| 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 |
| CPU Solution | 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 |
| Dimensions (mm) | 83 x 83 x 57 | 96 x 82 x 60 | 105 x 80 x 23.7 | 107 x 70 x 60 |
| Material | Al | Al | Cu | Cu |
| Bearing Type | Ball and sleeve | Two-ball | Two-ball | Two-ball |
| Capability (Watt) | 95 W | 65 W | 65 W | 95 W |
| Fan Speed (RPM) | 4200 | 3500 | 5500 | 4200 |
| Noise Level (dBA) | 40 | 41 | 55 | 36 |
| Life Expectancy (hrs) | 40,000 | 50,000 | 50,000 | 50,000 |
| Weight | 330 g | 286 g | 406 g | 812 g |

| Intel® Standard Desktop Core™ CPU Cooler | | | | | |
|--|---|---|---|---|---|
| |  |  |  |  |  |
| Where Used | LGA115X (LGA1150/LGA1151/LGA1155/LGA1156) | | | | |
| Model Name | CF-115XA-R10 | CF-1156C-R20 | CF-1156D-R30 | 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 | 90 x 90 x 33 | 90 x 90 x 33 | 91 x 91 x 84 | 90 x 90 x 69.3 |
| Material | Cu | Al | Cu+Al | Al | Al |
| Bearing Type | Two-ball | Two-ball | Two-ball | Ball and Sleeve | Two Ball |
| Capability (Watt) | 73 W | 45 W | 65 W | 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 | 70,000 | 70,000 | 40,000 | 50,000 |
| Weight | 422 g | 198 g | 240 g | 301 g | 432 |

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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 | Bracket 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 |

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| CPU Cooler | | | | |
|-----------------------|---|---|--|---|
| |  |  |  |  |
| Where Used | For special models: IMBA-Q470 & IMBA-Q471 | | | |
| Model Name | 19100-000316-00-RS | 19100-000317-00-RS | 19100-000312-00-RS | 19100-000318-00-RS |
| CPU Solution | Intel® Core™ i9/i7/i5/i3 | Intel® Core™ i9 /i7/i5/i3 | Intel® Core™ i9/i7/i5/i3 | Intel® Core™ i9/i7/i5/i3 |
| Socket Solution | LGA 115X/1200 | LGA 1156 | LGA 115X/1200 | LGA 115X/1200 |
| Dimensions(mm) | 91 x 90 x 65.5 | 105 x 92.5 x 125.8 | 92.5 x 90 x 30.15 | 103 x 95 x 127 |
| Material | VC+AL | CU+AL | Al | Al |
| Bearing Type | Two-ball | Two-ball | Two-ball | Two-ball |
| Capability (Watt) | 125W | 125W | 125W | 125W |
| Fan Speed(RPM) | 8500 | 2800 | 7000 | 3600 |
| Noise Level(dBA) | 55 | 36 | 59 | 44 |
| Life Expectancy (hrs) | 70,000 | 70,000 | 80,000 | 70,000 |
| Temperature | 0°C-45°C | 0°C-45°C | 0°C-40°C | 0°C-50°C |
| Weight | 430 g | 660 g | 435 g | 380 g |