








CPU Cooler *High performance thermal solutions*

Choosing the wrong CPU cooler for a system can lead to serious overheating, resulting in system shutdowns 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.

Desktop Core™ CPU Cooler				
				
LGA1155/LGA1156				
Model Name	CF-1156A-RS-R11	CF-1156B-RS	CF-1156C-RS 45W	CF-1156D-RS 65W
Description	High performance LGA1155/LGA1156 cooler kit, 1U chassis compatible	High performance LGA1155/LGA1156 cooler kit	Low power LGA1155/LGA1156 cooler kit for Intel® CPU, 45W, 1U chassis compatible, CCL, RoHS	
CPU Solution	Intel® Core™ i5/i3	Intel® Xeon®/Core™ i7/i5/i3	Intel® Core™ i5/i3	Intel® Core™ i7/i5/i3
Socket Solution	LGA1155/LGA1156	LGA1155/LGA1156	LGA1155/LGA1156	LGA1155/LGA1156
Dimensions (mm)	89 x 92.6 x 27.4	91 x 91 x 82	90 x 90 x 33	90 x 90 x 33
Material	Cu	Aluminum Alloy	Al	Cu+Al
Bearing Type	Two-ball	Two-ball	Two-ball	Two-ball
Capability (Watt)	73W	95W	45W	65W
Fan Speed (RPM)	5500	5000	3000	3000
Noise Level (dBA)	51	45	33.4	33.4
Life Expectancy (hrs)	50000	70000	50000	50000
Weight	422g	248g	192g	227g

Mobile Core™ i7 CPU Cooler		Desktop CPU Cooler			
					
			<i>Heat Pipes Inside</i>		
PGA989		LGA775 Cooler			
Model Name	CF-989A-RS-R12	CF-989B-RS	CF-775A-RS	CF-775B-RS-R11	CF-520-RS-R11
Description	High performance Socket-G (PGA989) smart fan CPU cooler, RoHS	High performance Socket-G (PGA989) CPU cooler, Aluminum, RoHS	High performance Two copper pipes LGA 775 CPU cooler, RoHS	High performance 1U LGA 775 CPU cooler, w/ 7010 fan, copper, RoHS	High performance LGA 775 CPU cooler, RoHS
CPU Solution	Intel® Core™ i7/i5/i3	Intel® Core™ i7/i5/i3	Intel® Core™2 Quad	Intel® Core™2 Duo	Intel® Core™2 Duo
Socket solution	PGA989	PGA989	LGA 775	LGA 775	LGA 775
Dimensions (mm)	60 x 60 x 27.5	60 x 60 x 27.6	92 x 92 x 73	80.5 x 81 x 28.2	115 x 115 x 67
Material	Cu	Al	Cu-Al	Cu	Aluminum Alloy
Bearing Type	Two-ball	Two-ball	Rifle	Two-ball	Two-ball
Capability (Watt)	55W	50W	130W	90W	115W
Fan Speed (RPM)	4800	4800	3600	4250	4500
Noise Level (dBA)	40	37	36.6~39.6	40	47.5~51.5
Life Expectancy (hrs)	50000	70000	40000	50000	70000
Weight	255g	140g	492g	600g	635g