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**CPU Coolers > Cofan Part #: LP 600 Series**



LP652  
Aluminum



LP662  
Aluminum



LP670  
Aluminum



LP679  
Aluminum



LPC662 Copper

Low Profile (20 and 22mm) Active CPU Cooler

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PDF Documents

LP-600 Series

	LP652 Aluminum	LP662 Aluminum	LP662B	LP670 Aluminum	LP670B	LP679 Aluminum	LP679B	LPC662 Copper
	DATA	LP662A	LP662B	LP670A	LP670B	LP679A	LP679B	
Fan								
Heat Sink								
Assemble Parts								

Features

COFAN's state-of-the-art aluminum and copper low profile heat sinks are the best performing heat sinks we have seen to date. We believe this extremely low thermal resistance is due to our open fin design, high number of fins, fin thickness, highest CFM fan we could make, (we are also and OEM of fans), and surface flatness of 3/1000 per linear inch.

Our test results showed a thermal resistance as low as .387 for the 60 x 79 size. This is much better than the copper without the weight. Our clip design is also a highly effective method of attachment for two reasons: the wire design allows for less material to be removed and also the dual rocker design which does not "pop out" when subjected to 30G shock and vibration test (per independent testing).

All LP series heat sinks will work on Intel PPGA, FCPGA, and FCPGA2 (Celeron, Coppermine, and Tualitan) CPU's. In addition to

having the best performing aluminum extruded cpu coolers in the world, we are also the only CPU cooler manufacturer who has 100K hour fans. Call us and we will email you our MTBF test report. Although our test results show the aluminum to have better performance, we still offer the same design in copper (see part # LPC662).

#### Compatibility

Intel Celeron	300 MHz. - 533 MHz. (PPGA)
	533 MHz. - 700 MHz. (FC-PGA)
Pentium III Coppermine	500 MHz. - 1100 MHz. (FC-PGA)
Tualatin	1000 MHz-1400 MHz (FC-PGA2)
AMD K6	166 MHz. - 300 MHz. ▲

#### Heat Sink

Alloy	Extrusion 6063 T5 Aluminum
Pedestal Flatness	3/1000 per linear inch
Mechanical Mounting	Wire Spring Clip
Interface Material	Chomerics T-725 ▲

#### Integrated Fan

	Size (LxWxH):		
	50 x 10mm	60 x 10mm	60 x 12mm
COFAN PART	D5010A12H	FP610HH12CII	D6012M12A
Air Flow:	8.62 CFM @5100 RPM	20.4 @4800 RPM 18	CFM @ 4200 RPM
Acoustic Noise:	24 dBA	36.1 dBA	32.8 dBA
Input Power:	12 VDC, 0.11 Amp	12 VDC, 0.30 Amp	12 VDC, 0.15 Amp
Connector	3 Pin Molex 22-010-3037	3 Pin Molex 22-01-3037	3 Pin Molex 22-01-3037
Tachometer	TTL Signal, 2	TTL Signal, 2	TTL Signal, 2
Sensor Output:	Pulses/Rev	Pulses/Rev	Pulses/Rev
MTBF:	100,000 Hrs	70,000 Hrs	100,000 Hrs ▲

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