

LV12



LPALV12-W

LPALV12-BK

CPU Cooler

Product Features

- **Excellent Thermal Conductivity.** Louver design helps the airflow movement into an “U-shape” aluminum fin to increase the path of thermal conductivity.
- **Exceptional Heat Transfer Efficiency.** Louver fin breaks the thermal boundary layer to increase heat exchange rate.
- **Superior Contact.** H.D.T. (Heatpipe Direct Touch) Technology ensures rapid thermal conduction and eliminates CPU hot spot.
- **Compatibility.** Slim heat sink tower design increases RAM installation flexibility.
- **Higher Durability.** S.N.T.C (Super Nano Thermal Conductive) coating protects heat sink to avoid oxidation, keeps excellent heat transfer efficiency and extends the life expectancy of the cooler.
- **Patented APS control.** Intelligent APS (Adjustable Peak Speed) control of the cooling fan directly provides 3 peak RPM selections for user preferences.
- **BOL Bearing.** Barometric Oilless (BOL) Bearing for long life span and silent spinning.
- **Characteristics.** Black or White colors are available.
- **Silence with High Performance.** Sophisticated fin gap calculation leads the ultra balancing between fan speed and heat transfer efficiency.
- **Easy Installation.** All-in-one bracket for both latest Intel® and AMD® sockets.

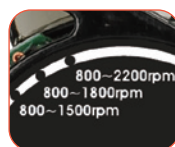
Close-up Features



RAM compatibility



Patented H.D.T. design



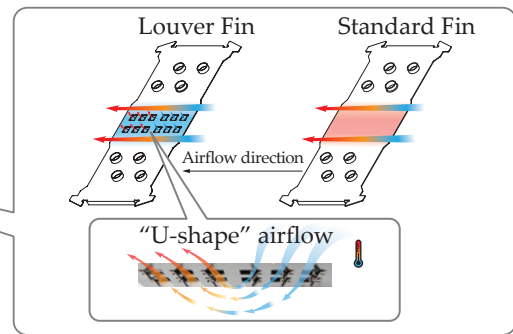
Silence : 800-1500 r.p.m.
Performance : 800-1800 r.p.m.
Overclocking : 800-2200 r.p.m



APS control (Patented)

Advanced "U-shape" Airflow Technology

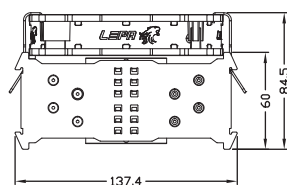
Louver fin creates an "U-shape" airflow and force the air to take more heat than standard fin.



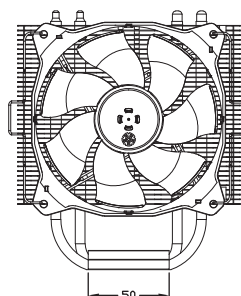
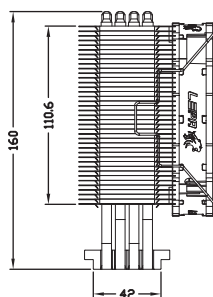
Product Specifications

Model Name	LPALV12
Compatible Socket	Intel® LGA 775/1150/1151/1155/1156/1366/2011 and AMD® AM2/AM2+/AM3/AM3+/FM1/FM2/FM2+
Dimension	138(L)×85(W)×160(H)mm
Heat Sink Dimension	138(L)×60(W)×160(H)mm
Heat Sink Weight	460g
Heat Pipe	4 x Ø6mm
Heat Sink Material	Copper Heat Pipes/Aluminum Fins /Coating
Thermal Resistance	0.095°C/W
Thermal Grease	Dow Corning® TC-5121
Fan Dimension	120 x 120 x 25 mm
Fan Speed	800~1500/1800/2200r.p.m.
Fan Air Flow	40.7~76.6/91.6/112 CFM 69.2~130.2/174.4/213.1m³/h
Fan Static Pressure	0.83~1.8/2.43/3.64mmH ₂ O
Fan MTBF	≥160,000 hours
Fan Noise	8~17/20/23dBA
Fan Bearing Type	BOL Bearing
Fan Connector	4 pin PWM

Dimension



unit : mm



Package Contents

CPU cooler	x 1
Fan	x 1
Back plate	x 1
Plastic washer	x 4
Screw pillar	x 4
Bracket mount for Intel	x 2
Bracket mount for AMD	x 2
Intel 2011 screw pillar	x 4
Nut for bracket mount	x 4
Pressure mounting plate	x 1
Nut for pressure mounting plate	x 2
Angled wrench	x 1
Fan bracket	x 4
Vibration-absorbing rubber	x 8
Thermal grease	x 1
Installation guide	x 1