

# A Revolutionary Leap in Cooling

# VANTAGE

Advanced Liquid Cooling for CPUs



**AMD**  
The future is fusion

[www.coolitsystems.com](http://www.coolitsystems.com)

Multiple Patents Pending    Designed in Canada 



**CoolIT**  
SYSTEMS™

## A Revolutionary Leap in Design Delivers Industry Leading Reliability, Performance and Value

Vantage ALC is a revolutionary step in cooling technology with the introduction of a thermal cooling solution merged with an intelligent chassis control monitoring system. This innovative wireless control system enables comprehensive system controls without the need for complex wire routing resulting in the ultimate maintenance free cooling solution.

The Vantage ALC provides advanced control and easy installation at an affordable price that up until now was only available to very large OEM's and Systems Integrators. With highly reliable and proven components this pre-filled and factory sealed system guarantees the user over 50,000 hours of maintenance and worry free operation.

# VANTAGE

A.L.C.

## Specifications/Features

**CoolIT CPU FHE (Fluid Heat Exchanger)**  
Copper Micro-Channel

**CoolIT Pump**  
Quiet, compact, long life Ceramic bearing CFF1 pump  
Life Cycle: 50,000 Hours MTTF

**CoolIT Coolant**  
CoolIT Systems low toxicity with anticorrosion/anti fungal additives

**CoolIT Radiator**  
Custom engineered for low noise high heat dissipation

**CoolIT Fan**  
High reliability, Quiet 12V  
Speed: 1100 - 2,500 RPM (low to high regulation)

**CoolIT CPU Thermal Grease**  
CoolIT Systems Pro A.T.C. (Advanced Thermal Compound)

**CoolIT Fan Node**  
Three standard 3 or 4 pin fan headers that can auto detect a variety of third-party fans. Integrated Red-Green LED as well as an external RGB LED header and one temperature sensor header allowing for remote temperature detection.

**Operations Modes (User Selectable)**  
Three cooling performance modes quiet, performance, and full.

**CoolIT 2 Year Manufacturer Warranty**

## Extra Sensory Peripherals (ESP) Technology Enabled

This innovative wireless based chassis monitoring and control platform was designed from the ground up to offer groundbreaking advantages through wirelessly controlling and monitoring all other system components and interfacing with virtually unlimited amount of supported sensors, pumps, fans and LED lighting outputs.



### ESP Tech Enabled Fan Node

CoolIT engineered wireless chassis controller that interfaces with an unlimited amount of supported sensors, pumps, fans and LED lights

### High Performance Radiator

CoolIT engineered for high heat dissipation at low fan speeds resulting in an efficient, quiet operation

### Quiet Pump

CoolIT's compact pump runs quietly while maintaining an optimal flow rate

### Maintenance Free

A pre-filled, factory sealed, liquid loop of carefully chosen components offers years of worry-free cooling

### LCD Interface

A customizable high contrast RGB backlit LCD screen that displays your systems status and current operation mode

### A.T.C

CoolIT's Pro Advanced Thermal Compound is pre-applied for easy installation

### High Performance FHE

A micro-channel Fluid Heat Exchanger that lets you reach the maximum potential of your CPU overclock

### Universal Retention System

Extremely easy to install retention for Intel 775, 1156, 1366 and AMD, AM2, AM2+, AM3 sockets

### Button Controls

Easily accessible push buttons for configuring operation modes and temperature scale

## Quiet Work & Play Environment

Innovative advanced liquid cooling technology ensures maximum performance from your PC while maintaining a cool and quiet environment at work or play.

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