

# NEWSRELEASE

## **ENERTRON**

Enertron, Inc.  
100 W. Hoover, Suite 5  
Mesa, AZ 85210

**FOR IMMEDIATE RELEASE**  
**Contact: Enisa Harris**  
**Phone: 480-649-5400**

### **Enertron Releases New Pentium IV Notebook PC Cooler**

Mesa, AZ - July 1, 2002 - Enertron, the leading designer and manufacturer of thermal solutions for microelectronic industry, has announced release of new Pentium IV notebook PC cooler. The cooler was designed to dissipate 30 Watts of heat in a laptop computer with a total thermal resistance of 1.0 °C/Watt.

This product consists of die cast aluminum case, heat pipe, fin array and a blower. The overall height of the solution is 17 mm. The fin array consists of 0.2 mm thick cooper fins whose pitch was optimized for efficient heat transfer. Special blower, which can intake air from top and bottom side, enables extra airflow for heat rejection inside a densely packed notebook PC.

Due to the space limitations of the notebook PCs, the heat needed to be carried away to the remote area where there was sufficient space for heat dissipation. This was accomplished by incorporation of the heat pipe into the solution. One, flattened, heat pipe was used to conduct heat from the processor to the fin array. The die cast aluminum case serves as the structure backbone and fan cage for the solution.

For more information on the power electronics compact cooler, or a custom designed cooler, contact Enertron at 1-877-ENERTRON or at [info@enertron-inc.com](mailto:info@enertron-inc.com).

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