

**RadiSys Corporation**

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**ENDURA TP945GM Mini-ITX**

**HIGH PERFORMANCE**

The Endura TP945GM Mini-ITX delivers exceptional performance with Intel's latest Core™ Duo T2500 2.0GHz embedded processor. Support for Intel® Celeron® M, LV and ULV processors also provides cost effective and ultra-low power options.

The Intel® 945GM Express chipset has a 667MHz front-side bus and supports dual-channel DDR2-667 DIMM memory, which enables a 25% higher data rate compared to the previous generation. The integrated Intel® Graphics Media Accelerator 950 delivers exceptional 3D graphics performance, 2X that of the previous generation.

**LOW POWER**

The Endura TP945GM is optimized for use with the Intel® Core® Duo processor T2500 with a thermal design power (TDP) of 31W and the Intel® Core® Duo processor L2400 with a TDP of 15W. Use of the Intel® Celeron® M ULV 423 BGA processor enables an even lower TDP of just 5.5W. This delivers up to 28% less average power consumption compared to the previous generation. With extended temperature operation up to 70°C, the Endura TP945GM is ideal for use in rugged, space constrained applications with demanding thermal performance characteristics. Components are also selected for a more ruggedized design to support embedded applications running 24/7.

**HIGHLY INTEGRATED**

With the integrated Intel® GMA 950 graphics controller, dual independent video support, Intel® High Definition Audio with 7.1 surround sound and interfaces for VGA, LVDS, DVI (via a Media Expansion Card), TV-out (composite, component, S-video) and S/PDIF digital audio output, the Endura TP945GM is well suited to all types of multi-media applications.

**LONG LIFE**

With a projected life time of up to 7 years, the Endura TP945GM is designed for the needs of embedded system designers. This is backed up by strong engineering support, sustaining and full product life cycle management from RadiSys.

**ROHS COMPLIANT**

The Endura TP945GM is fully RoHS 6 compliant to meet the latest legislative and environmental standards.



**FEATURES:**

- › Mini-ITX form factor
- › Intel® Core™ Duo, Celeron® M, LV and ULV processors
- › Intel® 945GM Express chipset
- › 667/533MHz Front-Side Bus
- › Two DIMM sockets
- › Up to 4GB DDR2-667 memory
- › Dual-Channel memory
- › Intel® GMA950 Graphics
- › x16 PCI Express graphics slot
- › 18-bit, dual channel LVDS
- › Dual independent displays
- › Intel® High Definition Audio

For more information, contact: [info@radisys.com](mailto:info@radisys.com)

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