

## Product Brief

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## Description

Zoran's Cougar-G9 Development Platform is a compact, cost effective design that enables customers to develop digital set-top box, digital TV, PVR/DVR and interactive products based on the

Generation9™ family of ICs. Cougar-G9 software powers several leading Digital TVs (DTVs) and Set Top Boxes (STBs) boxes worldwide.



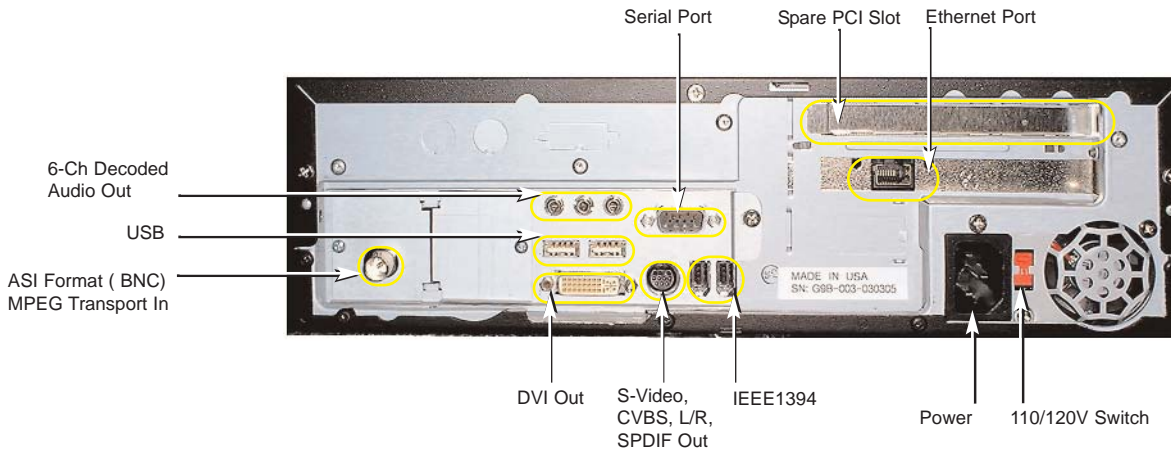
## Base Package Contents

- Set-top box style chassis with pre-production type PCB design
- Pre-loaded VxWorks or Linux operating system and higher level software
- Zoran developed software source code available on CD
- MPEG-2 transport test stream loaded on the internal hard disk
- Complete documentation for hardware and software
- Remote control
- Required cables

## Base Hardware

- TL955 (MIPS CPU) : 250MHz Clock; 16k Instruction, 16k Data cache
- Boot ROM : 512kByte over 8-bit Local Bus
- DDR SDRAM : 128MByte (16Mx32); 133MHz
- MPEG Transport streamer input : ASI NIM
- Hard disk : 40GB, 16-bit IDE, 100MHz, ATA-6 compliant
- Main Video Out : DVI (Analog/Digital), adapter cables to VGA & D-Connector
- Main Audio Out : Decoded 6-channel through phono jacks
- Aux Audio/Video Out : S-Video, CVBS, L/R phono jack, SPDIF (coax)
- PCI : 32-bit; 33MHz (part of ATX backplane)
- IR Remote, I2C, RS232, two ISO-7816 compliant smart card interfaces

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### Base Software

- VxWorks 5.4, Tornado 2.1.1 tools (customer to purchase from Wind River Systems) OR
- Monta Vista Linux 2.1, Monta Vista Zone tools (customer to purchase from Monta Vista)
- ATSC, ARIB or DVB transport stream input from external streamer, Dual MP@HL video or multiple MP@ML video decode & display, AC-3, MPEG Layer I & II, AAC-LC audio decode, example graphics code
- Low level drivers in BSP enable most of the peripherals included in the Generation9 ICs
- Source code provided for all Zoran developed device drivers
- Bug fixes and more feature enabled software releases available with purchase of annual maintenance agreement

### Optional Add-On

- ATSC & NTSC Terrestrial NIM & Contrast Software
- PVR with trick modes
- DIRECTV compliant software
- IEEE1394 drivers with HAVi

Note: Contact your Zoran representative for details.

For more information, contact Zoran's Sunnyvale office or the office nearest you:

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