The SMP8670 family provides highly-integrated solutions for IPTV and hybrid set-top boxes, thin clients, media players, and wireless display receivers. The Secure Media Processor architecture offers advanced content protection, supporting a wide variety of Digital Rights Management (DRM) and Conditional Access (CA) solutions.

The high-performance 3D graphics available on the SMP8672 enables dynamic and customizable user interfaces by supporting the flipping, rotating, warping, and moving of images.

Target Markets
- IPTV and hybrid set-top boxes
- Thin clients
- Media players
- Wireless display receivers

Supported Technologies
- Multiple task-specific processors lowers power and enables best middleware and application performance
- Audio DSP supports wide variety of audio codecs
- Security CPU supports wide variety of conditional access (CA) and digital rights management (DRM) solutions, including Nagravision NOCS v1.2

Video Decoding
- MPEG-4.10 (H.264) BP@L3, MP@L4.0, HP@L4.2, MVC HP@L4.2
- SMPTE 421M (VC-1) MP@HL, AP@L3
- WMV9 MP@HL
- MPEG-2 MP@HL
- MPEG-4.2 ASP@L5 (up to HD, 1-point GMC)
- AVS Jizhun profile@L2.0, 4.0*, 6.0*
- RMVB v9, v10
- 3D video support
  - Generic side-by-side, top-bottom, MVC
  - RealD (side-by-side output)
  - Generic side-by-side, top-bottom, frame packed output
  - 20 Mbps for L4.0; 40 Mbps for L6.0

Advanced Video Processing
- 3D graphics accelerator with OpenGL ES 1.1/2.0 support
- Deblocking and deringing filters
- 12-bit xvYCC processing
- Integrated HDMI with CEC, 12-bit deep color, and xvYCC