

Sigma Designs unveils what it describes as its "most advanced set-top box design"-- one handling mulitiple HD streams while networking via powerline.

With HomePlug AV with ClearPath networking and Z-Wave technology, it comes in a miniature package that's just about a bit larger than a pack of cards.

It connects to TVs via HDMI, and can stream video from either network, IPTV or multiroom streams via connected DVR.

Powering it all is Sigma's own SMP8670 thin-client media processor, optimised to run graphically rich over-the top application environments (such as Adobe AIR for TV, XMBC or Flash Player). The company says it is also 40% faster than its previous thin-client solutions while using 30% less power.

The STB's reference design is now available to service providers and their equipment suppliers.

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